

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ WATER SANDS ☐ LOCATION INSPECTED ☐ SUB. REPORT/abd

890623 chg of op name iff 6-89

941207 OPER NAME CHANGE FR PETE TO DAKEN EFF 10-1-94

DATE FILED 12-15-88

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-47171

INDIAN

DRILLING APPROVED: 12-20-88 (CAUSE NO. 208-1)

SPUDDED IN: 5-7-89

COMPLETED: 5-20-89 POW PUT TO PRODUCING: 6-24-89

INITIAL PRODUCTION: 180 BOPD, 300 MCF, 0.1 BWPD

GRAVITY API: 33

GOR: 1758/1

PRODUCING ZONES: 4964-5038, 5078-5086, 5050-5756, 5858-5868, 6076-6088 GRRV

TOTAL DEPTH: 6500

WELL ELEVATION: 5689 KB

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. FEDERAL 14-34-B

API NO. 43-013-31225

LOCATION 660' FSL FT. FROM (N) (S) LINE. 660' FWL

FT. FROM (E) (W) LINE. SWSW

1/4 - 1/4 SEC. 34

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
	Morrison	Pennsylvanian	SILURIAN
	Salt Wash	Oquirrh	Laketown Dolomite
Stone Cabin	San Rafael Gr.	Weber	ORDOVICIAN
Colton	Summerville	Morgan	Eureka Quartzite
Flagstaff	Bluff Sandstone	Hermosa	Pogonip Limestone
North Horn	Curtis		CAMBRIAN
Almy	Entrada	Pardox	Lynch
Paleocene	Moab Tongue	Ismay	Bowman
Current Creek	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

NGC
Energy
Company

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

RECEIVED
DEC 15 1988

December 13, 1988

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: NGC #14-34-B Federal
SW SW Sec. 34, T8S, R16E
Duchesne County, Utah

Gentlemen:

NGC Energy Company proposes to drill the subject well. Enclosed are the following documents:

- 1) Application for Permit to Drill
- 2) Drilling Program
- 3) Surface Use Plan
- 4) Survey Plat
- 5) Cut and Fill Diagram
- 6) Topographic Maps

Your early consideration and approval of this application would be appreciated. Please contact me in the Vernal office if you have any questions concerning this application.

Sincerely,

Mike McMican

Mike McMican
Petroleum Engineer

/kh

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

2. NAME OF OPERATOR

NGC Energy Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

DIVISION OF
OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

660' FWL, 660' FSL SW/SW S.L.B. & M.

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

Green River 6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5674' GR

22. APPROX. DATE WORK WILL START*

January, 1989

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36	300'	To surface
7-7/8"	5-1/2"	15.5	TD	As required

Attachments: Drilling Program
Surface Use Plan
Survey Plat
Cut and Fill Diagram
Topographic Maps
Well Location Map

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Michael L. McMican TITLE Petroleum Engineer DATE Dec. 13, 1988

(This space for Federal or State office use)

PERMIT NO. 43-013-31225 APPROVAL DATE APPROVED BY THE STATE

OF UTAH DIVISION OF
OIL, GAS AND MINING

APPROVED BY _____ TITLE _____ DATE: 12-20-88

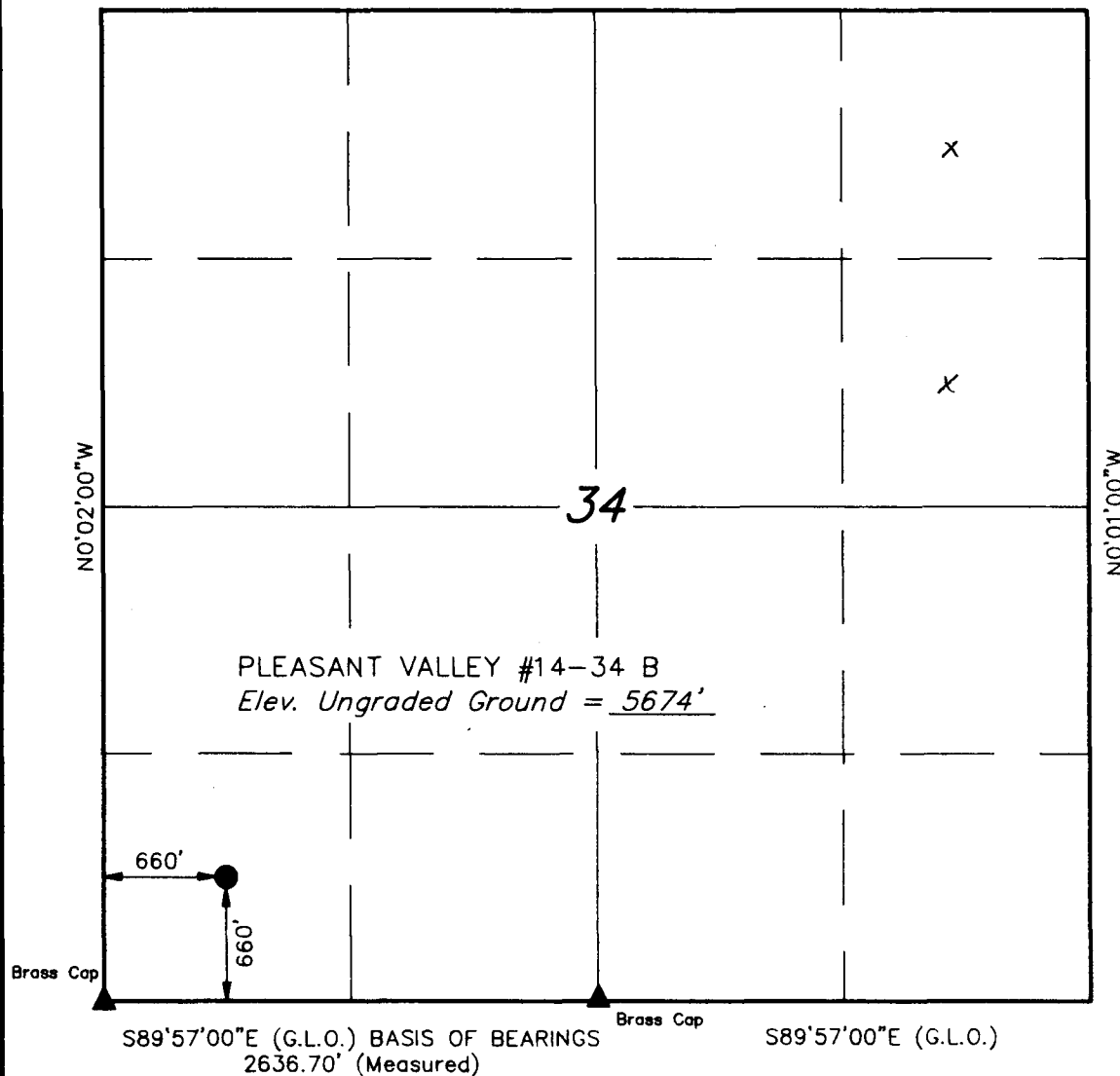
CONDITIONS OF APPROVAL, IF ANY:

BY: John R. Bays
WELL SPACING: Case No. 208-1

*See Instructions On Reverse Side

T8S, R16E, S.L.B.&M.

N89°53'00"W - 80.18



▲ = SECTION CORNERS LOCATED.

NGC ENERGY CO.

Well location, PLEASANT VALLEY #14-34 B located as shown in the SW 1/4 SW1/4 of Section 34, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK ON THE SW CORNER OF SECTION 34, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5677 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11-23-88
PARTY L.D.T. G.S. J.T.K.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE N.G.C.

DRILLING PROGRAM

Company NGC Energy Company Well No. 14-34-B
Location Section 34 T. 8S R. 16E Lease No. U-47171
Onsite Inspection Date 12-8-88

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Surface Formation and Estimated Formation Tops:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	+5674'
Green River	1841'	+3833'
Douglas Creek Marker	4990'	+ 684'
TD	6500'	- 826'

2. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered:

	<u>Formation</u>	<u>Zone</u>
Expected oil zones:	Green River	4200' - 6300'
Expected gas zones:	None	
Expected water zones:	None	
Expected mineral zones:	Oil Shale	Top @ 1841'

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

A 3000 WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the surface casing. The BOP system including the casing will be pressure tested to a minimum of 2500 psi for 15 minutes prior to drilling and will be mechanically checked daily during drilling operations.

BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned.

Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Threads</u>	<u>New/Used</u>	<u>Depth</u>
12-1/4"	9-5/8"	36#	K-55	STC	New	300'
7-7/8"	5-1/2"	15.5#	K-55	LTC	New	TD

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

Auxiliary equipment will be upper kelly cock, full opening stabbing valve, 2 1/2" choke manifold, and pit level indicator.

5. Mud Program and Circulating Medium:

<u>Interval</u>	<u>Mud Weight</u> <u>lbs./gal.</u>	<u>Viscosity</u> <u>Sec./Qt.</u>	<u>Fluid Loss</u> <u>ML/30 mins.</u>	<u>Mud Type</u>
0' - 300'	---	---	---	Air
300' - TD	8.4	27	NC	Water

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

6. Testing, Coring, Sampling and Logging:

- a. Testing: As warranted.
- b. Coring: None.
- c. Sampling: 10' intervals 3500' to TD.
- d. Logging:

<u>Type</u>	<u>Depth</u>
DIL/SFL/SP/GR	TD - Surface casing
FDC/CNL/GR/CAL	TD - Surface casing

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

Normal pressures and temperatures are expected. No hazardous gases are expected. Expected bottom hole pressure is 2475 psig.

8. Anticipated Starting Dates and Notifications of Operations:

Location construction: January, 1989
Spud Date: January, 1989

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into the reserve pit for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, gas may be vented/flared during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever comes first. An application will be filed with the District Engineer, and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

9. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed".

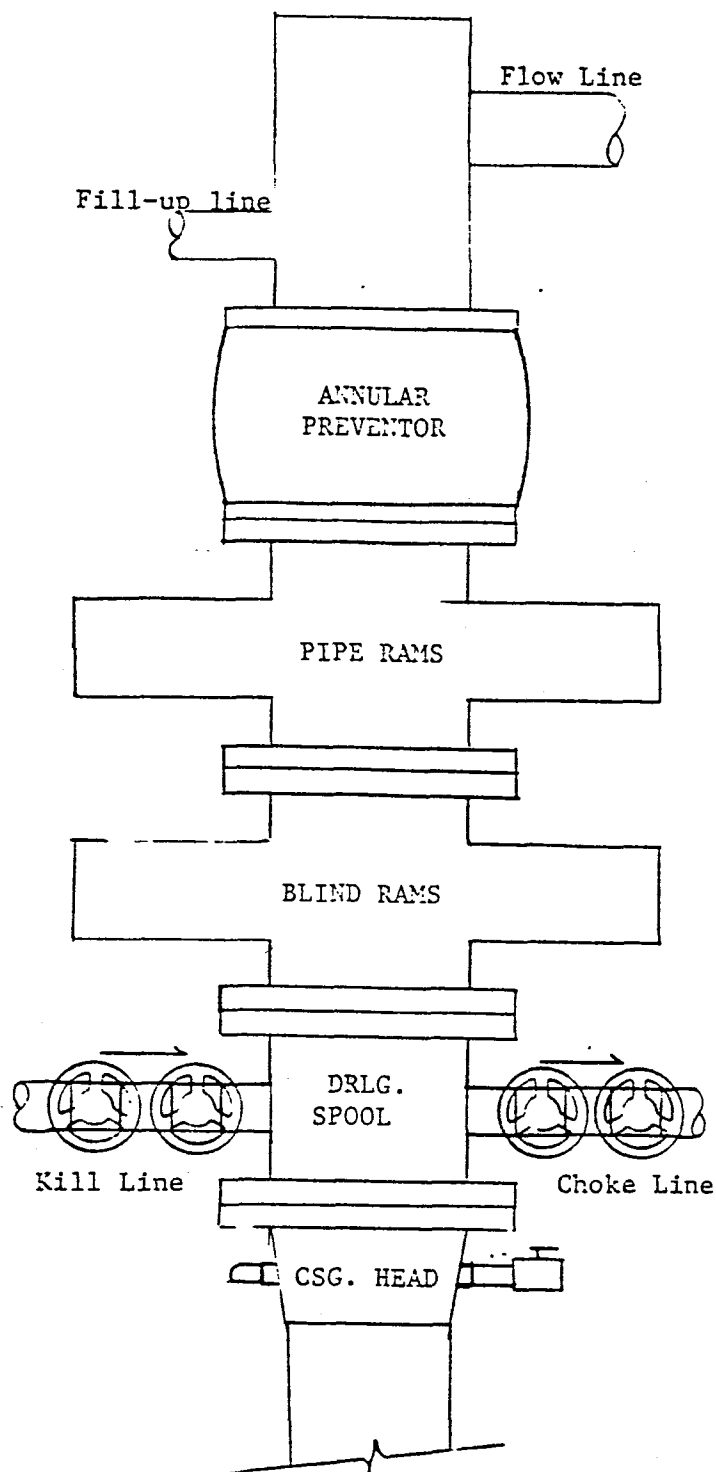
The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If operator fails to comply with this requirement in the manner and time allowed, operator shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days (Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii)).

NGC ENERGY COMPANY

BOP and Pressure Containment Data

NGC #14-34-B Federal
SW SW Sec. 34, T8S, R16E
Duchesne County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventors, one equipped w/pipe rams, the other w/blind rams. BOP system will be consistent w/API RP 53.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. All BOP equipment to be tested to 2500# for 15 minutes. The BOP's will be tested at the time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
5. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

Surface Use Plan

NGC Energy Company

NGC #14-34-B Federal

Sec. 34, T8S, R16E, S.L.B. & M.

Duchesne County, Utah

Onsite Date

12-8-88

SURFACE USE PLAN - #14-34-B

1. Existing Roads:

See attached topographic map "A".

To reach the NGC #14-34-B Federal located in Section 34, T8S, R16E, S.L.B.& M., Duchesne County, Utah:

Travel southwesterly from Myton, Utah on Highway 40 for 1.5 miles. Turn south on State Highway 53 for two miles to County Road 216. Follow County Road 216 for 4.5 miles to the BLM cattleguard. Turn right and proceed 3.8 miles. Turn left for 0.2 miles to the location access road. Follow the access road for 150' to the location.

2. Planned Access Road:

See attached topographic map "B".

The proposed access road will be constructed to the following standards:

- A. Length - 150'.
- B. Width - 30 foot right-of-way with 18 foot running surface maximum.
- C. Maximum grades - 1%.
- D. Turnouts - None.
- E. Drainage design - Borrow ditches.
- F. Location and size of culverts and/or bridges, and brief description of any major cuts and fills - None.
- G. Surfacing materials (source) - Native materials from location and access road.
- H. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None.
- I. Access road surface ownership - BLM.

All travel will be confined to existing access road rights-of way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

3. Location of Existing Wells:

See attached Map "C".

4. Location of Tank Batteries and Production Facilities::

All permanent (on site for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a Desert Brown color. All facilities will be painted within six months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Desert Brown (10YR 6/3).

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery. The integrity of the dike must be maintained.

Tank batteries will be placed on the northeast corner of the well pad.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-leave storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500' of the wellhead. The gas flowline will be buried, or anchored down from the wellhead to the meter and 500' downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. test for meter accuracy will be conducted monthly for the first

three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and AGA standards for natural gas measurement.

5. Location and Type of Water Supply:

Water to be used for drilling and production of this well will be hauled by truck from Pleasant Valley.

In the event that the above sources are not used, other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water wells drilled at this location site.

The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Material:

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

7. Methods of Handling Waste Disposal:

A reserve pit will be constructed, and will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, drilling fluids, and produced fluids, etc.

The reserve pit may or may not be lined as determined at time of construction. If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge. If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling the reserve pit.

If the reserve pit is lined, the operator will provide the BLM a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements prescribed by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

Produced waste water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

Pits are not to be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls, unless otherwise herein provided.

Burning will not be allowed. All trash must be contained and disposed of in a trash cage and hauled to a sanitary landfill at the completion of the drilling activities.

8. Ancillary Facilities:

Camp facilities or airstrips will not be required.

9. Well Site Layout:

See cut and fill diagram.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until cleanup.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the AO for approval.

The reserve pit will be located on the east side of the location between points four and five. The stockpiled topsoil will be stored on the south side between points six and eight. Access to the well pad will be from the northwest corner near point two.

10. Plans for Restoration of Surface:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 days from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

All seeding will be done from September 15th until the ground freezes.

An appropriate seed mixture will be determined by the BLM, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

11. Surface Ownership:

The surface for all constructed roads and well location is under the jurisdiction of the BLM.

12. Other Information:

The area is at the northwest end of the Uintah Basin which is formed by the Bookcliff Mountains and the Green River to the south and the Uinta Mountains to the north. The area is interlaced with numerous canyons and ridges formed in sandstone, cobblerock, conglomerate, and shale deposits.

The majority of the small drainages are of a non-perennial nature with normal flow limited to the early spring run-off and heavy thunderstorms or rain storms of high intensity that last over an extended period of time and are extremely rare in nature as the normal annual precipitation is only eight inches.

The oils of this semi-arid area are of the Uinta Formation and Duchesne River Formation, (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structure consists of light brownish-gray clays to sandy soils with poor gravels and shales and outcrops of rock (sandstone, mudstone, conglomerate, and shale).

Due to the low precipitation, climatic conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of juniper, pinion pine, sagebrush, rabbitbrush, some grasses, and cacti, on the upper benches with cottonwoods, beach, willows, Russian olives, and grasses along the lower levels close to the wet areas and streams.

The animals of the area consist predominately of mule deer, coyotes, rabbits, varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

The area is used by man for the primary purpose of grazing livestock.

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. However, historic and cultural resource work shall be undertaken only with the written consent of a private surface owner. If the private surface owner refuses entry for that purpose, the lessee or operator shall use its best efforts to conduct its approved operations in a manner that avoids adverse effects on any properties listed, or may be eligible for listing, in the NRHP.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

The operator or his contractor shall contact the BLM Offices at 801-789-1362 between 24 and 48 hours prior to construction activities. Contact Ralph Brown or Tim O'Brien.

The BLM Office will be notified upon site completion prior to moving on the drilling rig.

The flare pit will be located a minimum of 30' south of the reserve pit fence and 100' from the rig substructure.

13. Lessee's or Operators Representative and Certification Representative

Name: Mike L. McMican
Address: 85 South 200 East
Vernal, UT 84078
Phone No.: 801-789-4573

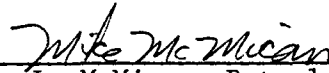
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by NGC Energy Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

12-12-88
Date


Mike L. McMican, Petroleum Engineer

Onsite Date: 12-8-88

Participants on Joint Inspection:

Mike McMican - NGC Energy Company
Ralph Brown - BLM
Robert Kay - Uintah Engineering

FLARE
PIT

EL 5672.5'
C-6.8'
(Btm. Pit)

(C)

⑥ EL. 5672.9'
F-0.8'

⑦ EL. 5673.2'
F-0.5'

⑧ EL. 5674.6'
C-0.9'

EL. 5673.6'
F-0.1'

⑤

EL. 5674.2'
C-0.5'

① EL. 5675.8'
C-2.1'

130'

EL. 5673.4'
C-7.7'
(Btm Pit)

(B)

EL. 5674.2'
C-8.5'
(Btm Pit)

④

EL. 5674.3'
C-0.6'

EL. 5674.8'
C-1.1'

EL. 5676.8'
C-3.1'

②

Proposed Access
Road

EXISTING ACCESS ROAD

APPROXIMATE YARDAGES

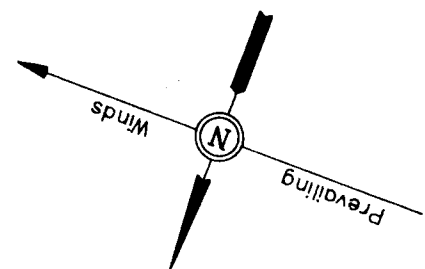
CUT
(6") Topsoil Stripping = 843 Cu. Yds.
Pit Volume (Below Grade) = 1,328 Cu. Yds.
Remaining Location = 1,155 Cu. Yds.

TOTAL CUT = 3,326 CU.YDS.

FILL = 71 CU.YDS.

EXCESS MATERIAL AFTER
20% COMPACTION = 3,327 Cu. Yds.
Topsoil & Pit Backfill
(1/2 Pit Vol.) = 1,507 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation) = 1730 Cu. Yds.



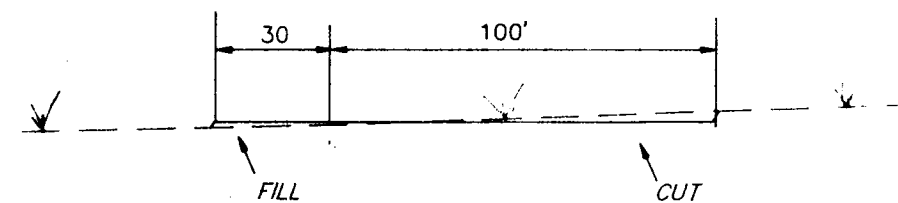
SCALE: 1" = 50'
DATE: 11-16-88

X-Section
Scale
1" = 50'

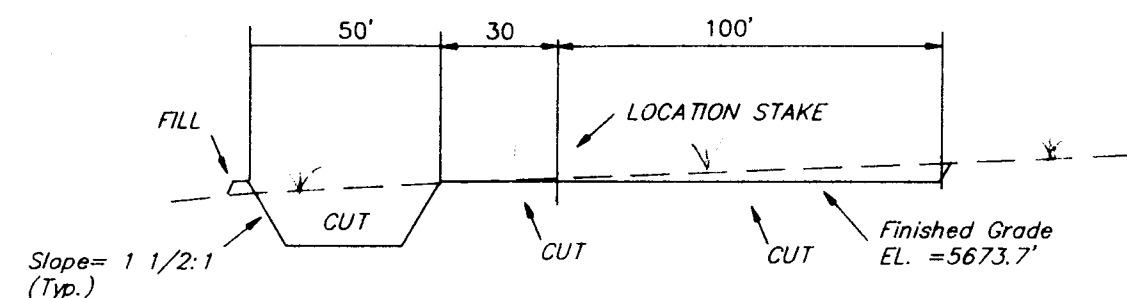
NGC ENERGY CO.

LOCATION LAYOUT FOR

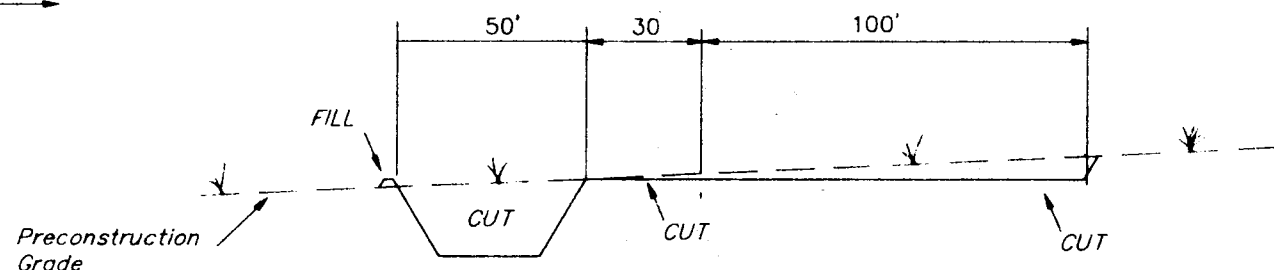
PLEASANT VALLEY #14-34B
SECTION 34, T8S, R16E, S.L.B.&M.



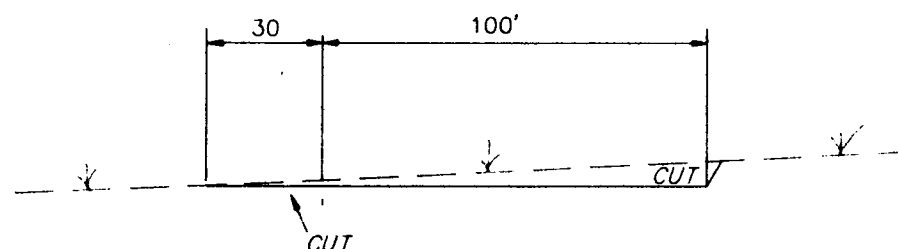
STATION 3+00.00



STATION 1+50.00



STATION 0+42.00

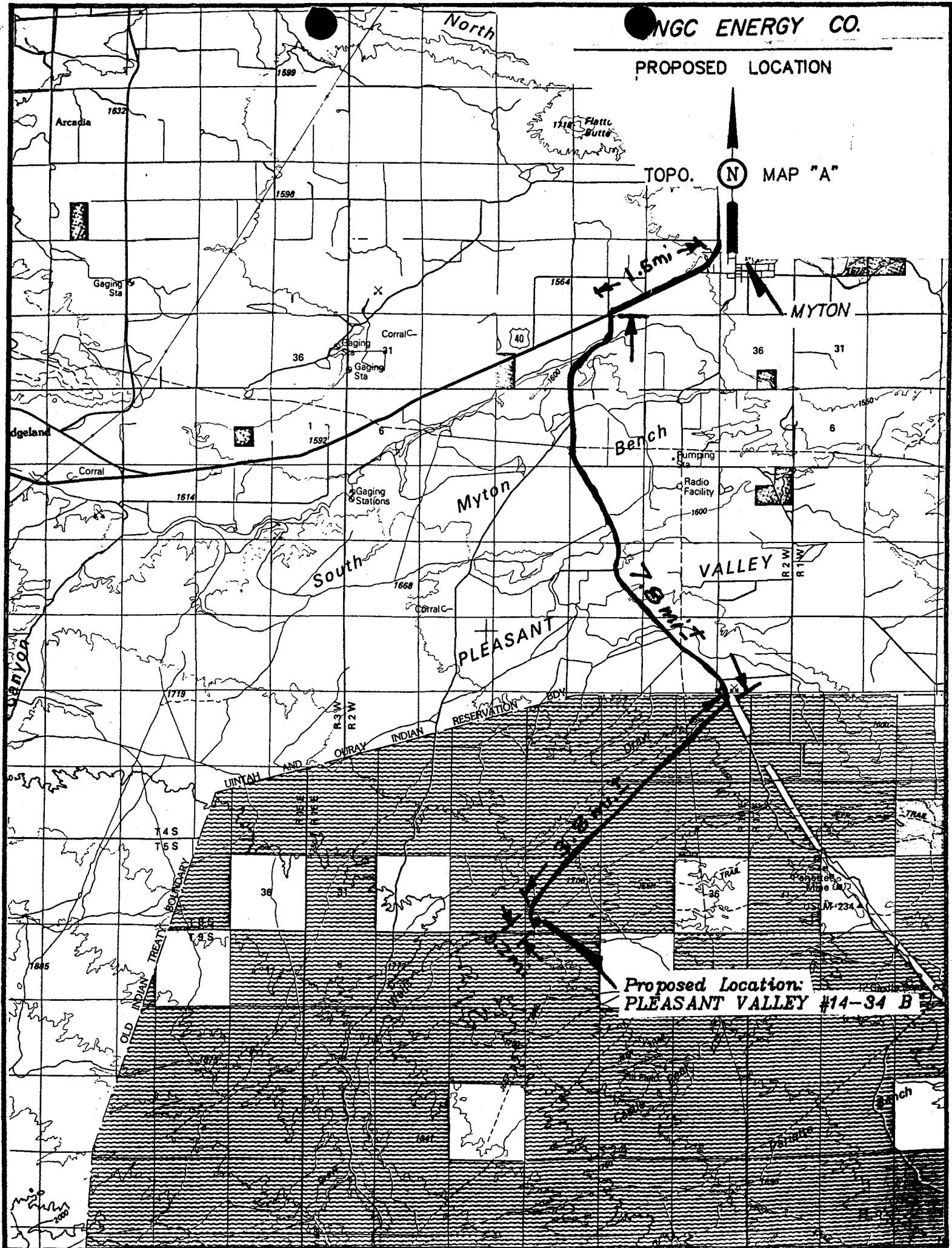


STATION 0+00.00

UINTAH ENGINEERING & LAND SURVEYING
P.O. Box 1758 Vernal, Utah

PROPOSED LOCATION

TOPO. (N) MAP "A"

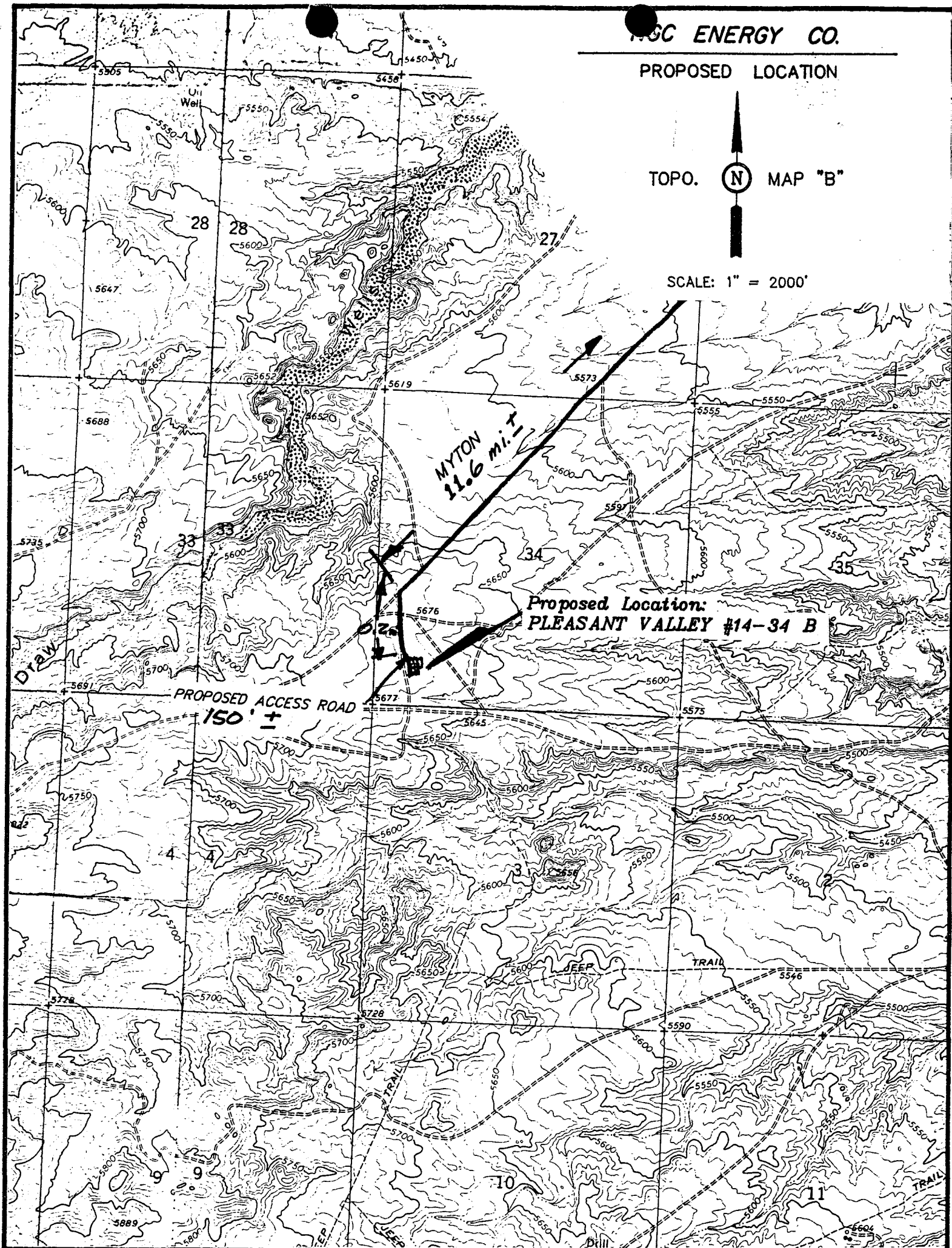


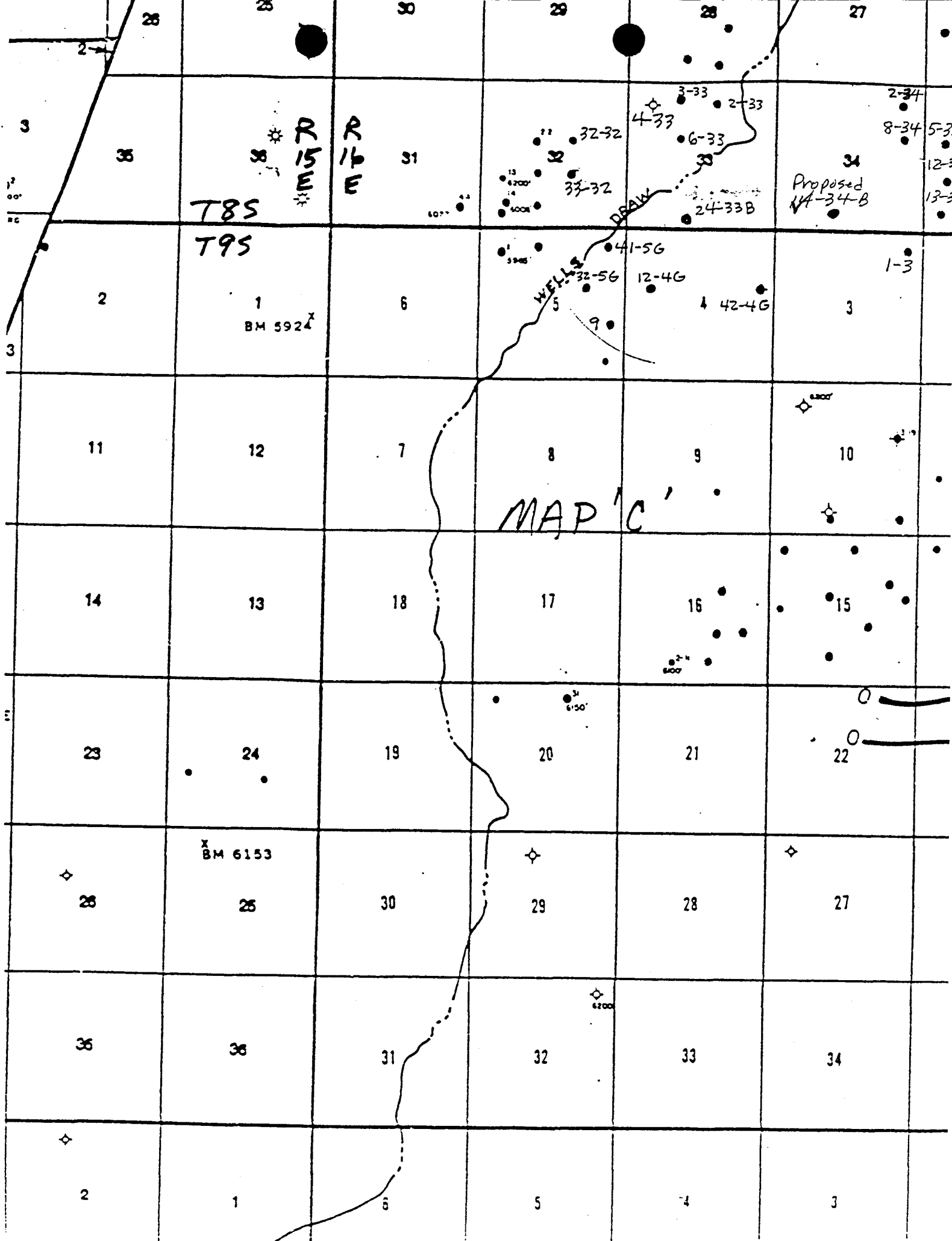
NGC ENERGY CO.

PROPOSED LOCATION

TOPO. **N** MAP "B"

SCALE: 1" = 2000'





1. Self-certification statement. Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that NGC Energy Company is considered to be the operator of Well No. 14-34-B; SW 1/4 SW 1/4 Section 34, Township 8S, Range 16E; Lease U-47171; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Pacific Indemnity.

AS OF 11/30/88

UNITED STATES DEPT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PAGE

BOND ABSTRACT

BLM BOND NO: UT0135

PART NO:

SURETY BOND ID: 8191-04-97

CASE TYPE: 310433 O&G BOND PD & ACQ LAND

NAME AND ADDRESS OF BONDED PARTIES

885029793001 BONDED PRINCIPAL
NGC ENERGY CO
1400 FOUR EMBARCADERO CENTER
SAN FRANCISCO CA 941114114884001220001 SURETY
PACIFIC INDEMNITY COMPANY
15 MOUNTAIN VIEW ROAD
P O BOX 1615
WARREN NJ 070611615

BOND-AREA: NATIONWIDE

TYPE OF LAND: FEDERAL-PUBLIC/ACQUIRED

BOND TYPE: SURETY

AMOUNT OF BOND: \$150,000

BONDED ACTIVITY/PURPOSE

COMMODITY(IES)

GENERAL LSE/DRILLING
OPERATOR

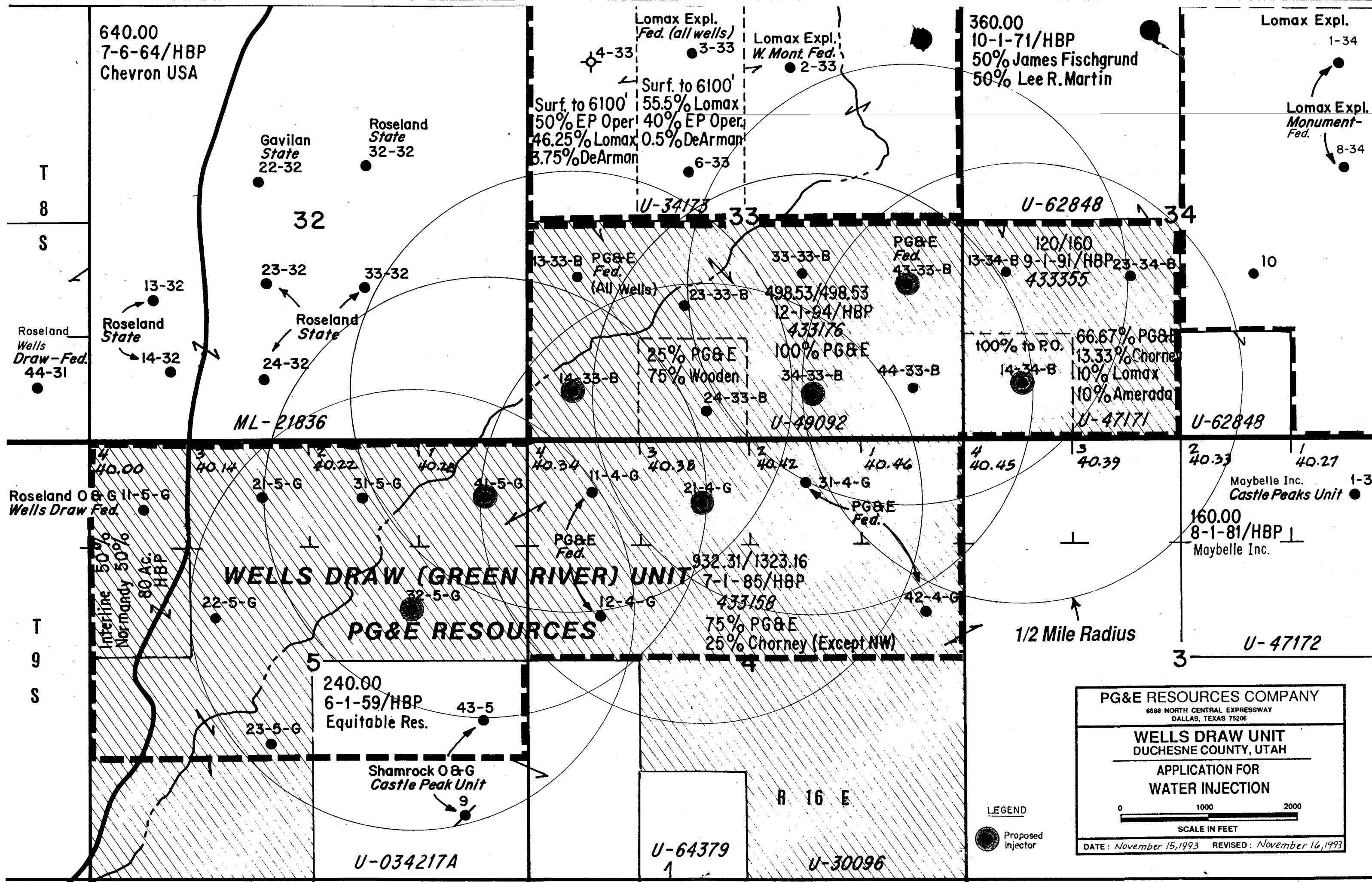
OIL & GAS

L

ACTION CODE	ACTION DATE	ACTION TAKEN	ACTION REMARKS
468	8/24/1984	BOND FILED	
469	9/24/1984	BOND ACCEPTED	
478	8/03/1987	RIDER FILED	
479	8/03/1987	RIDER ACCEPTED	/A/
478	8/06/1988	RIDER FILED	
479	8/06/1988	RIDER ACCEPTED	/B/

** GENERAL REMARKS **

01	/A/	CHANGE NAME OF PRINCIPAL FROM PG&E GAS SUPPLY CO
02		TO NGC ENERGY CO AND ASSUMES LIABILITY OF BOND
03		NO 0653-61-32 (UT0013) WITH PACIFIC TRANSMISSION
04		SUPPLY CO AS PRINCIPAL
05	/B/	EXTEND BOND COVERAGE TO INCLUDE PRINCIPAL AS
06		OPERATOR



OPERATOR NBC Energy Company DATE 12-15-88
WELL NAME Federal 14-34-B
SEC SWSW 34 T 8S R 16E COUNTY Duchesne

43-013-31225
API NUMBER

Federal
TYPE OF LEASE

CHECK OFF:

☒ PLAT

Btm-Vernal
☒ BOND

☒ NEAREST WELL

☒ LEASE

☒ FIELD

☒ POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920' (2 other wells in sec. 34 permitted before 11-17-83)
Need water permit.
Cause No. 208-1 Douglas Creek is a part of the Green River formation.
(Enter into system as GRVU per G.R. Baza)

APPROVAL LETTER:

SPACING: ☐ R615-2-3

N/A
UNIT

☐ R615-3-2

☒

208-1 11-17-83
CAUSE NO. & DATE

☐ R615-3-3

STIPULATIONS:

1. Water Permit



Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

December 20, 1988

NGC Energy Company
85 South 200 East
Vernal, Utah 84078

Gentlemen:

Re: Federal 14-34-B - SW SW Sec. 34, T. 8S, R. 16E - Duchesne County, Utah
660' FSL, 660' FWL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 208-1 dated November 17, 1983, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

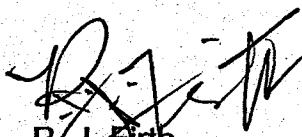
In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31225.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
WE14/1-2

Div OG & M

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company N. G. C. Energy Company Well No. Pleasant Valley 14-34B

Location SW/SW Sec. 34 T.8S. R.16E. Lease No. U-47171

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. and individual components shall be operable as designed.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative present during pressure testing.

3. Casing Program and Auxiliary Equipment

Useable water may be encountered at depths of + 250-650 ft. in the Uinta Formation and from + 1800-2000 ft., 3550-3850 ft., and + 3950-4200 ft. in the Green River Formation and from + 5300-5400 and + 6000-6500 ft. in the Douglas Creek formation. The Mahogany and L1 oil shale have been identified from + 3080-3199 ft. and 3285-3350 ft., respectfully. Therefore, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale. Also, if gilsonite is encountered during drilling, it needs to be isolated and/or protected.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Coring, Logging and Testing Program

All Drill Stem tests (DST) shall be accomplished during daylight hours. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight.

A cement bond log (CBL), or some other means acceptable to the authorized officer, shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

5. Notifications of Operations

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the authorized officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

6. Other Information

APD approval is valid for a period of one (1) year from the signature date. An additional one (1) year approval period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka
Petroleum Engineer

(801) 781-1190

Ed Forsman
Petroleum Engineer

(801) 789-7077

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-013-31225

NAME OF COMPANY: NATURAL GAS CORPORATION OF CA.

WELL NAME: 14-34-B

SECTION SWSW 34 TOWNSHIP 8S RANGE 16E COUNTY DUCHESNE

DRILLING CONTRACTOR PARKER AIR DRILLING

RIG #

SPUDDED: DATE 5/7/89

TIME 7:00 p.m.

HOW DRY HOLE DIGGER

DRILLING WILL COMMENCE EXETER #7 5/12/89

REPORTED BY MIKE MCMIKAN

TELEPHONE # 789-4573

DATE 5/8/89 SIGNED TAS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO U-47171
2. NAME OF OPERATOR NGC Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FWL, 660' FSL SW/SW		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-013-31225		9. WELL NO. 14-34-B
15. ELEVATIONS (Show whether oil, gas, etc.) 5674' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte
DIVISION OF OIL, GAS & MINING		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

Spud Notice ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Operator reports the well was spudded with a Parker Air Drilling dryhole digger and 12-1/4" hole at 7 p.m. 5/7/89. Surface hole will be drilled to 300' and 9-5/8" casing set and cemented to surface. Exeter Rig #7 should move onto the well approximately 5/12/89.

Copies: Div. OG&M; Ralph E. Davis; BHill; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED

Mike McMican
Michael L. McMican

TITLE Petroleum Engineer

DATE May 8, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED
MAY 12 1989OPERATOR NGC Energy CompanyOPERATOR ACCT. NO. N0585ADDRESS 85 South 200 EastVernal, UT 84078

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER OF OIL, GAS & MINING	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10980	43-013-31225	Federal #14-34-B	SW/SW	34	T8S	R16E	Duchesne	5/7/89	5/7/89
WELL 1 COMMENTS: <i>Fed. lease Field- Monument Butte Unit- N/A</i> <i>Proposed Zone- GRPV (only well in sec. operated by NGC. Assign new entity 10980 on 5-16-89. for?)</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Connie Mobley
Signature
Prod. Clerk 5/10/89
Title Date
Phone No. *(801) 789-4573*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO U-47171
2. NAME OF OPERATOR NGC Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FWL, 660' FSL SW/SW		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-013-31225		9. WELL NO. 14-34-B
15. ELEVATIONS (Show whether DF, RT, GK, etc.) 5674' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

RECEIVED
MAY 17 1989
DIVISION OF
OIL GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Weekly Status Report

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the status report for the period of May 5 through May 12, 1989.

Copies: ~~XXXXXX~~; Ralph E. Davis; SGoodrich; Bhill; Chorney; Amerada Hess; Lomax

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hansenberg TITLE Office Supervisor DATE May 15, 1989
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NGC ENERGY COMPANY

NGC OPERATED - DRILLING

NGC Energy Company
Pleasant Valley
Federal #14-34-B

660' FWL 660' FSL, SW/SW Sec. 34-T8S-R16E, Duchesne Co., Utah.
PTD 6500'. Formation: Green River. Spud: None. Contractor:
Exeter Rig #7. Elevation: 5674' GR. NGCE has 100% WI. AFE
#8940. AFE Drilling Amt: \$120,340. AFE Completion Amt:
\$306,660. Total AFE Amt: \$427,000

5-5-89 F & G construction moved in equipment and built
location. Parker Air Drilling to move in dryhole
digger today. Present Operation: Wait on dryhole
digger. Daily cost \$2,495; CDC \$2,495

5-8-89 Parker Air Drilling moved in dryhole digger.
Spudded 12-1/4" surface hole @ 7:00 pm, 5-7-89.
Drilled to 15' & SDFN. Daily cost \$1,500; CDC
\$3,995

5-9-89 TD 80'. Drilled to 80' & SDFN. Daily cost \$500;
CDC \$4,495

5-10-89 TD 140'. Drilled to 140', rig broke down.
Released rig. Plan to finish surface hole and set
surface casing w/Exeter. Daily cost \$500; CDC
\$4,995

5-11-89 TD 140'. Waiting on rotary tool. Present
Operation: Build cellar. CDC \$4,995

5-12-89 TD 140'. Built cellar. Lined and fenced reserve
pit & filled w/water. Prepared for Exeter to MIRU.
Daily cost \$4,000; CDC \$8,995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR NGC Energy Company	8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078	9. WELL NO. 14-34-B
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FWL, 660' FSL SW/SW	10. FIELD AND POOL, OR WILDCAT Monument Butte
14. PERMIT NO. 43-013-31225	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R16E
15. ELEVATIONS (Show whether on RT, or L, or C) 5674' GR	12. COUNTY OR PARISH Duchesne
	13. STATE Utah

RECEIVED
MAY 25 1989

DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	Weekly Status Report <input checked="" type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Attached is the weekly status report for the period of May 13 through May 23, 1989.
Current status is waiting on completion.

OIL AND GAS	
1-TAS	<input checked="" type="checkbox"/>
2-MICROFILM	<input type="checkbox"/>
3-FILE	<input type="checkbox"/>

not indexed
good

Copies: Div. OG&M; Ralph E. Davis; S. Goodrich; B. Hill; Chorney; Amerada Hess; Lomax

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg TITLE Office Supervisor DATE May 23, 1989
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Federal #14-34-B cont'd ...

5-16-89 TD 2715'. Day 4. Made 1300'. Drilling rate: 56 ft/hr. Survey: 1-3/4 DEG @ 2304'. MW 8.3, VIS 27, PH 10. Daily cost \$11,524; CDC \$35,927

5-17-89 TD 4119'. Day 5. Made 1405'. Trip for bit #3. Drilling rate: 62.4 ft/hr. Survey: 1-3/4 DEG @ 3208', 1-3/4 DEG @ 4119'. Mud logger on @ 3500'. MW 8.4, VIS 27, PH 10.5. BGG 100-150 units. Daily cost \$11,280; CDC \$47,207

5-18-89 TD 4920'. Day 6. Made 801'. Finish tripping for bit #3, 7-7/8" Smith F25. Drilling rate: 40 ft/hr. MW 8.4, VIS 27, PH 11.5. Tops:
 "A" @ 4364' +1326
 "B" @ 4600' +1090
 BGG 200-500 in oil shale. Estimated top of D2 5030'. Daily cost \$8,091; CDC \$55,298

5-19-89 TD 5777'. Day 7. Made 857'. Drilling Rate: 36.5 FPH. MW 8.4, VIS 27, PH 11. Daily cost \$6,563; CDC \$61,861

5-20-89 TD 6500'. Day 8. Made 723'. TD @ 5:30 a.m. Pumped sweep and started out of hole @ 6:00 a.m. to log. MW 8.4, VIS 27, PH 11.5. Survey: 1 DEG @ 6108. Daily cost \$6,920; CDC \$68,781

5-21-89 TD 6500'. Day 9. Logged from TD 6502' to surf casing. TIH. Cond hole to run casing. Layed down drill pipe and ran 156 jts of 5-1/2", K-55 17# casing to 6330' KB. MW 8.4, VIS 27, PH 11. Survey: 1-3/4 DEG @ 6500'. Daily cost \$11,253; CDC \$80,034

5-22-89 TD 6500'. Day 10. Cement 5-1/2" Prod casing w/ 185 sx Light, 710 sx RFG. Present Operation: Rig Down. Daily cost \$500; CDC \$80,534

5-23-89 TD 6500'. Rig Released @ 3:30 p.m. 5-21-89. FINAL REPORT. CDC \$80,534 Revised Log Tops:

"A"	4291	+1399
"B"	4535	+1155
D.C Marker	4931	+ 759
"D"	5184	+ 506
"E"	5308	+ 382
"E2"	5471	+ 219
"F"	5844	- 154
Basal Ls.	6260	- 566

NGC ENERGY COMPANY

NGC OPERATED - DRILLING

NGC Energy Company
Pleasant Valley
Federal #14-34-B

660' FWL 660' FSL, SW/SW Sec. 34-T8S-R16E, Duchesne Co., Utah.
PTD 6500'. Formation: Green River. Spud: 5/7/89. Contractor:
Exeter Rig #7. Elevation: 5674' GR. NGCE has 100% WI. AFE
#8940. AFE Drilling Amt: \$120,340. AFE Completion Amt:
\$306,660. Total AFE Amt: \$427,000

5-5-89 F & G construction moved in equipment and built location. Parker Air Drilling to move in dryhole digger today. Present Operation: Wait on dryhole digger. Daily cost \$2,495; CDC \$2,495

5-8-89 Parker Air Drilling moved in dryhole digger. Spudded 12-1/4" surface hole @ 7:00 pm, 5-7-89. Drilled to 15' & SDFN. Daily cost \$1,500; CDC \$3,995

5-9-89 TD 80'. Drilled to 80' & SDFN. Daily cost \$500; CDC \$4,495

5-10-89 TD 140'. Drilled to 140', rig broke down. Released rig. Plan to finish surface hole and set surface casing w/Exeter. Daily cost \$500; CDC \$4,995

5-11-89 TD 140'. Waiting on rotary tool. Present Operation: Build cellar. CDC \$4,995

5-12-89 TD 140'. Built cellar. Lined and fenced reserve pit & filled w/water. Prepared for Exeter to MIRU. Daily cost \$4,000; CDC \$8,995

5-13-89 TD 140'. Day 1. MIRU Exeter Rig #7. Picked up 12-1/4" drill bit and drill collars. Washed to 145'. Drilled to 105'. Drilling w/clean water. MW 8.3 (water). Daily cost \$3,260; CDC \$8,255

5-14-89 TD 310'. Day 2. Made 170'. Ran 8 jts of 9-5/8" K-55 36# surface casing (308'). Cement casing w/212 sx of class "G" cement + 2% chlorides, 1/4#/sx celoseal. WOC 4 hr. Weld on casinghead. NU & test BOP's. PU 7-7/8" bit w/drill collars. MW 8.3, VIS 27, PH 8. Daily cost \$2,630; CDC \$10,885

5-15-89 TD 1415'. Day 3. Made 1105'. Finish BOP test. PU 7-7/8" bit w/drill collars. Drill to 1415' @ 56 ft/hr. Survey: 1 DEG @ 1313'. MW 8.3, VIS 27, PH 10. Daily cost \$13,518; CDC \$24,403

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: N.G.C. COMPANY MAN: M. McHican
WELL NAME: 14-34-B API #: 43-013-31225
QTR/QTR: SW SW SECTION: 34 TWP: 8E5 RANGE: 16E
CONTRACTOR: EXETER 7 PUSHER/DRLR: _____
INSPECTOR: GARY GARNER DATE: 5/16/89 OPERATIONS: _____
SPUD DATE: _____ TOTAL DEPTH: _____

DRILLING AND COMPLETIONS

☒ APD ☒ WELL SIGN ☒ BOPE ☒ RESERVE PIT
☒ FLARE PIT ☐ BURN PIT ☐ H2S ☒ BLOOIE LINE
☒ SANITATION ☒ HOUSEKEEPING ☐ VENTED/FLARED

PLUGGING AND ABANDONMENT

PRODUCING FM(S): _____

PLUGS:

TYPE/SIZE

INTERVAL

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

PERFORATIONS: _____

CASING SIZE: _____ PULLED: YES / NO CUT AT: _____

PLUGS TESTED: _____ HOW: _____ WOC: _____

MARKER: _____ SURFACE: _____ PLATE: _____

RECLAMATION:

CONTOURED: _____ RIPPED: _____ REHAB'D: _____

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: Drilling ahead @ 5299'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-47171

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

NGC Energy Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

660' FWL, 660' FSL SW/SW

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO.

43-013-31225

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5674' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

14-34-B

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 34, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETION ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOT OR ACIDIZE ☐

ABANDON* ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT* ☐

REPAIR WELL ☐

CHANGE PLANE ☐

(Other) ☐

(Other) Weekly Status Report ☒

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Attached is the weekly status report for the period of May 31 through June 7, 1989.

Copies: ~~Director~~; SGoodrich; B Hill; Chorney; Amerada Hess; Lomax

18. I hereby certify that the foregoing is true and correct

SIGNED

Karla Hanberg
Karla Hanberg

TITLE

Office Supervisor

DATE

June 7, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NGC ENERGY COMPANY

NGC OPERATED - COMPLETION

NGC Energy Company
Pleasant Valley
Federal #14-34-B

660' FWL 660' FSL, SW/SW Sec. 34-T8S-R16E, Duchesne Co., Utah.
PTD 6500'. Formation: Green River. Spud: 5/7/89. Contractor:
General Well Service Rig #1. Elevation: 5674' GR. NGCE has
100% WI. AFE #8940. AFE Drilling Amt: \$120,340. AFE
Completion Amt: \$306,660. Total AFE Amt: \$427,000

5-31-78 Day 1. MIRU General Well Service Rig #1. NU
BOP's. PU bit and csg scraper. RIH w/2-7/8" 6.5#
J-55 tbg to PBTB @ 6237'. Displace well w/2% KCL
water w/clay stab. & biocide. POOH w/2-7/8" tbg &
tools. SION. Daily cost \$18,190; CCC 18,190

6-1-89 Day 2. RU Schlumberger and run Cement Bond Log
from PBTB 6237' to 1100' under 1000# surface
pressure. Est cmt top @ 1430'. RIH w/4" csg gun
and perforate interval @ 6078'-88', 4 SPF, 40
holes. Pressure tested casing before perforating
to 3000# - held OK. SION. Daily cost \$55,869;
CCC \$74,059

6-2-89 Day 3. RU Smith Energy to frac interval @
6078'-88'. Started pumping into zone @ 41 BPM @
3350#. Had 144 bbls pad into formation with rate
41 BPM @ 3150#. Too tight to start sand. Had 500
gal 7-1/2% HCL w/clay stabilizer & iron
sequestrant. Pump acid w/60 ball sealers. (Saw
ball action but didn't completely ball out.) Surge
balls off perforations and establish new pump rate
@ 29 BPM @ 2930#. Pumped 24 bbls KCL water spacer
& 185 bbls pad into formation. Formation still too
tight. Shut down operations.
Initial ISIP 1900# est frac grad. .75
Final ISIP 2140# est frac grad. .81
Daily cost \$12,605; CCC \$865,664

6-3-89 Day 4. SICP = 1100#. Open well to pit on 2"
choke. Blew down in 5 min. PU Mountain States Oil
Tools RBP and RIH w/2-7/8" tbg. Set RBP @ 5985'
and pressure tested to 2000#. Held OK. POOH w/tbg
& ret head. RU Schlumberger & RIH w/4" casing guns
& perforate interval @ 5858'-68' 4 SPF 90 DEG
phased 40 holes. RU Smith Energy and frac F1
interval @ 5858'-68' as follows:

Federal #14-34-B cont'd ...

Rate (BPM)	Press (CSG)	Volume (BBLs)	Event
0	0	0	Start up w/pad
45	2700	50	Estab inj rate shut shut dn ISIP 1600#
45	1500	50	Start up again
45	2500	136	Pad @ perfs
45	2600	381	Start 1# 20/40
45	2500	431	Start 2# 20/40
45	2400	486	Start 3# 20/40
45	2400	517	1# 20/40 @ perfs
45	2300	546	Start 4# 20/40
45	2100	567	2# 20/40 @ perfs
45	2100	611	Start 5# 20/40
45	2100	622	3# 20/40 @ perfs
45	2100	681	Start 6# 20/40
45	2100	682	4# 20/40 @ perfs
45	2000	747	5# 20/40 @ perfs
45	2000	757	Start 6# 16/30
45	2000	817	6# 20/40 @ perfs
45	2000	833	Start 6.5# 16/30
45	1900	893	6# 16/30 @ perfs
45	1900	913	Start 7# 16/30
45	1900	969	6.5# 16/30 @ perfs
45	1900	997	Start flush
45	2200	1049	7# 16/30 @ perfs
45	2600	1133	End of treatment ISIP 1600#

1024 Bbls to recover

49,000# 20/40

50,800# 16/30

Daily cost \$26,564; CCC \$113,228

6-4-89

17 hr SICP = 1100#. Flow well to pit thru
adjustable choke. RIH w/2-7/8" tbg & ret tool.
Tagged sand @ 5920'. RU & circ out sand to top of
RBP @ 5980'. PU RBP and reset @ 5820'. Pressure
test to 2000# - held ok. POOH w/tbg & ret tool.
Shut down until Monday A.M.

Time	Choke	CSG	Bbls	Remarks
		Press		
7:00	8/64	1100	0	Start flow back
8:00	8/64	700	25	Slick H2O
9:00	8/64	700	50	" "
10:00	10/64	550	80	" "
11:00	12/64	500	110	" " w/some gas
12:00	2"	250	140	" "
12:30	2"	0	155	
			185	while tripping pipe.

Daily cost \$2,845; CCC \$116,073

Federal #14-34-B cont'd ...

6/6/89

Day 6. RU Schlumberger & RIH w/4" casing guns & perforate intervals @ 5652'-66', 5672'-84' & 5715'-26', 4 SPF 90 DEG phased, 148 total holes. Rig down Schlumberger & RU Smith Energy and frac E2 sand 5652'-5726' as follows:

Rate (BPM)	Press (CSG)	Volume (BBLs)	Event
0	0	0	Start pad
51	2700	135	Pad @ perfs shut dn ISIP 2000#
0	1950	135	Resume job
50	2700	755	Start 1# 20/40
50	2700	818	Start 2# 20/40
50	2700	886	1# 20/40 @ perfs
50	2700	891	Start 3# 20/40
50	2500	949	2# 20/40 @ perfs
50	2500	975	Start 4# 20/40
50	2300	992	3# 20/40 @ perfs
50	2350	1071	Start 5# 20/40
51	2200	1106	4# 20/40 @ perfs
51	2200	1179	Start 6# 20/40
60	2500	1202	5# 20/40 @ perfs
60	2500	1297	Start 6# 16/30
60	2500	1310	6# 20/40 @ perfs
60	2500	1415	Start 6.5# 16/30
60	2500	1428	6# 16/30 @ perfs
60	2600	1505	Start flush early
52	2800	1546	6.5# 16/30 @ perfs
37	2800	1636	End of treatment

ISIP 2000#, 15 min 1900#

72,000# 20/40 sand used

60,000# 16/30 sand used

1496 bbls

Daily cost \$9,221; CCC \$125,294

6-7-89

18 hr SICP = 1650#. Opeb well to pit w/adjustable choke. Well flowed 4-1/2 hrs febre sand plugged off tree. Recovered 1000# 16/30 sand before resuming flow back. After initial slug of sand well flowed 2 hrs thru choke w/only a light sand cut. PU ret tool and RIY w/tbg. Circ hole clean every 1000'. Clean out to RBP @ 5830'. Pull RBP & reset @ 5390'. Pressure tested RBP to 2500#. Held OK. POOH w/30 stands tbg and SION. Daily load recovered = 273 bbls. Accum. load recovered = 273 bbls. Accum total load = 1496 bbls.

Time	Choke	Csg Press	Bbls	Remarks
7:00	8/64	1650		Start flow back
8:00	8/64	750	26	Slick H2O
9:00	8/64	650	58	" "
10:00	8/64	300	90	" "

Federal #14-34-B Federal cont'd ...

Time	Choke	Csg Press	Bbls	Remarks
11:00	10/64	500	103	Slick H2O
11:30	10/64	0	143	Flowing sand
12:30	2"	500	150	Flowed 1000# sand
1:30	10/64	300	203	Slick H2O w/cut of sand
2:00	14/64	100	243	" " "
			273	30 bbls flowed while tripping
Daily cost \$30,687; CCC \$155,981				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instruction re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR NGC Energy Company	8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078	9. WELL NO. 14-34-B
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.) At surface 660' FWL, 660' FSL SW/SW	10. FIELD AND POOL, OR WILDCAT Monument Butte
14. PERMIT NO. 43-013-31225	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R16E
15. ELEVATIONS (Show whether on, at, or below ground) 5674' GR	12. COUNTY OR PARISH Duchesne
	13. STATE Utah

RECEIVED
JUN 21 1989

DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Weekly Status Report <input checked="" type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Attached is the weekly status report for the period of June 8 through June 19, 1989.
Production equipment is currently being moved on location.

Copies: ~~Div. OGS~~ SGoodrich; Central Files-Dallas; Chorney; Amerada Hess; Lomax

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg TITLE Office Supervisor DATE June 20, 1989
Karla Hanberg

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Federal #14-34-B cont'd ...

Rate (BPM)	Press (CSG)	Volume (BBLs)	Event
50	1900	1006	3# 20/40 @ perfs
50	1800	1071	Start 5# 20/40
55	1900	1090	4# 20/40 @ perfs
52	1900	1179	Start 6# 20/40
52	1900	1186	5# 20/40 @ perfs
55	1900	1294	6# 20/40 @ perfs
55	1900	1297	Start 6# 16/30
53	2000	1412	6# 16/30 @ perfs
55	2000	1519	Start 6.5# 16/30
55	2100	1645	6.5# 16/30 @ perfs & start flush
52	2800	1760	End of treatment

ISIP 2100#

15 min 1600#

74,000# 20/40 Sand

73,000# 16/30 Sand

1603 bbls to recover of H2O

Daily cost \$35,640; CCC \$226,357

6-14-89 Day 12. 16 HR SICP = 850#. Flow well to pit thru adjustable choke for 11 hrs & recovered 245 bbls fluid w/approx 20% oil cut during final hour of flowing. Accum. load rec. = 245 bbls. Accum. total load = 1603 bbls. Daily cost \$1,990; CCC \$228,347

6-15-89 Day 13. 13 hr SICP = 600#. Flow well to tank on 2" choke for 1 hr & rec 10 bbls oil. RIH w/2-7/8" tbg and ret tool. Tagged sand bridge @ 4890'. Circ sand out to top of RBP @ 5115'. Release RBP & POOH w/tbg and tools. PU notched collar, seat nipple & tbg anchor. RIH w/2-7/8" tbg. Tagged sand @ 6155'. Circ sand out to PBD @ 6237'. Pull tbg anchor above perfs & SION. Daily cost \$2,775; CCC \$231,122

6-16-89 Day 14. 0# tbg and csg. ND BOP's & NU wellhead. Set tbg anchor @ 4941' w/12,000# tension pulled. Flush tbg w/50 bbls 2% KCL water @ 270 DEG F. PU rod pump & RIH w/rod string. Pressure check pump to 1100# - held OK. RD and release completion rig. Daily cost \$2,410; CCC \$233,532

6-17-89 Begin moving in production equipment from the G.B. #31-30. Shut down for Sunday.

6-19-89 Moving in production equipment from the G.B. #31-30. CCC \$233,532

Federal #14-34-B cont'd ...

Rate (BPM)	Press (CSG)	Volume BBLs	Event
43.5	1800	638	6# 20/40 @ perfs
43	1700	703	Start 7# 16/30
43	1700	699	6# 16/30 @ perfs
46	1800	737	Start flush
46	2100	760	6.5# 16/30 @ perfs
46	2300	825	7# 16/30 @ perfs
46	2700	859	Shut down

ISIP 1800# 15 min 1600#

781 BBLs to recover

33,000# 20/40 sand

39,500# 16/30 sand

CDC \$19,042; CCC \$186,962

6-10-89

Day 10. 16 hr. SICP = 800#. Flow well to pit thru adjustable choke for 3-1/2 hrs & recovered 92 bbls frac fluid. PU ret tool & RIH w/2-7/8" tbg. Tagged sand @ 5282'. RU & circ out sand to top of RBP @ 5390'. Release RBP & move up to 5115'. Reset plug & press test to 3000#. Held OK. POOH w/tbg & shut down for weekend.

Time	Choke	Csg	Bbls	Remarks
7:00	8/64	800	0	Start flow back
8:00	8/64	500	25	Slick H2O
9:00	10/64	250	25	Slick H2O
10:00	10/64	100	25	Slick H2O
11:00	2"	0	17	Slick H2O
			30	While tripping

Daily cost \$3,755; CCC \$190,717

6-13-89

RU Schlumberger & RIH w/4" csg guns. Perforate intervals @ 4964'-70', 4972'-80', 5028'-38', 4 SPF 90 DEG phased. PU Mountain States ret PKR & RIH to 5050'. Spot 500 gal 7-1/2% HCL w/clay stab & iron sequestrant. Move up PKR and set @ 5010'. Pump down tbg and break lower perforations 5028'-38' zone broke @ 1900# inj rate 6 BPM @ 2270' ISIP 1100#. Pump down csg & break upper zone (4964'-80') zone broke @ 2000# inj rate 6 BPM @ 1200# ISIP 800#. Release pkr & POOH w/tbg and tools. RU Smith Energy & frac DC interval 4964'-5038' as follows:

Rate (BPM)	Press (CSG)	Volume (BBLs)	Event
0	0	0	Start Pad
51	2200	115	Pad @ perfs
50	2200	755	Start 1# 20/40
50	2150	818	Start 2# 20/40
50	2000	870	1# @ perfs
50	2000	891	Start 3# 20/40
50	1900	933	2# 20/40 @ perfs
50	1900	975	Start 4# 20/40

Federal #14-34-B Federal cont'd ...

Time	Choke	Csg Press	Bbls	Remarks
11:00	10/64	500	103	Slick H2O
11:30	10/64	0	143	Flowing sand
12:30	2"	500	150	Flowed 1000# sand
1:30	10/64	300	203	Slick H2O w/cut of sand
2:00	14/64	100	243	" " "
			273	30 bbls flowed while tripping

Daily cost \$30,687; CCC \$155,981

6-8-89

Finish POOH w/2-7/8" tbg and ret tool. RU Schlumberger. RIH w/4" csg guns and perf interval @ 5278'-86' 4 SPF 90 DEG phased. RU Smith Energy & prep to frac well. Couldn't get initial breakdown of zone. Pressured to 3600# twice but zone wouldn't break. RU Schlumberger again. RIH w/4" csg gun & reperf interval @ 5278'-86' 4 SPF 90 DEG phased. RU Smith Energy again and attempt to frac. Zone pressured again to 3600# with no leak off. Suspect faulty charges in csg guns. SDFN. Will attempt to reperfurate w/old style Hyper Jet II csg guns this A.M. Daily cost \$11,939; CCC \$167,920

6-9-89

RU Schlumberger & RIH w/4" Hyper Jet II csg guns & reperforate interval 5278'-86' 4 SPF 90 DEG phased. RU Smith Energy and try to frac well again. Zone still wouldn't break w/4000# surface pressure. RD Smith Energy. RIH w/2-7/8 tbg to 5290'. Spot 500 gal 7-1/2% HCL w/clay stabilizer & iron sequestrant. Pull tbg & let acid set 30 min. Break down zone. Perfs broke @ 2600#. Establish inj rate down tbg 5.6 BPM @ 2400 ISIP 1600#. POOH w/tbg. RU Smith Energy and frac well as follows:

Rate (BPM)	Press (CSG)	Volume BBLs	Event
0	0	0	Start Pad
35	2500	122	Pad @ Perfs
35	2300	286	Start 1# 20/40
40	2200	324	Start 2# 20/40
40	2100	365	Start 3# 20/40
40	2000	408	1# 20/40 @ perfs
40	2000	410	Start 4# 20/40
43	2000	446	2# 20/40 @ perfs
43	1950	461	Start 5# 20/40
43	1950	487	3# 20/40 @ perfs
43.5	1900	516	Start 6# 20/40
43.5	1800	532	4# 20/40 @ perfs
43.5	1800	577	Start 6# 16/30
43.5	1800	583	5# 20/40 @ perfs
43.5	1800	638	Start 6.5# 16/30

Federal #14-34-B cont'd ...

6/6/89

Day 6. RU Schlumberger & RIH w/4" casing guns & perforate intervals @ 5652'-66', 5672'-84' & 5715'-26', 4 SPF 90 DEG phased, 148 total holes. Rig down Schlumberger & RU Smith Energy and frac E2 sand 5652'-5726' as follows:

Rate (BPM)	Press (CSG)	Volume (BBLs)	Event
0	0	0	Start pad
51	2700	135	Pad @ perfs shut dn ISIP 2000#
0	1950	135	Resume job
50	2700	755	Start 1# 20/40
50	2700	818	Start 2# 20/40
50	2700	886	1# 20/40 @ perfs
50	2700	891	Start 3# 20/40
50	2500	949	2# 20/40 @ perfs
50	2500	975	Start 4# 20/40
50	2300	992	3# 20/40 @ perfs
50	2350	1071	Start 5# 20/40
51	2200	1106	4# 20/40 @ perfs
51	2200	1179	Start 6# 20/40
60	2500	1202	5# 20/40 @ perfs
60	2500	1297	Start 6# 16/30
60	2500	1310	6# 20/40 @ perfs
60	2500	1415	Start 6.5# 16/30
60	2500	1428	6# 16/30 @ perfs
60	2600	1505	Start flush early
52	2800	1546	6.5# 16/30 @ perfs
37	2800	1636	End of treatment

ISIP 2000#, 15 min 1900#

72,000# 20/40 sand used

60,000# 16/30 sand used

1496 bbls

Daily cost \$9,221; CCC \$125,294

6-7-89

18 hr SICP = 1650#. Opeb well to pit w/adjustable choke. Well flowed 4-1/2 hrs febre sand plugged off tree. Recovered 1000# 16/30 sand before resuming flow back. After initial slug of sand well flowed 2 hrs thru choke w/only a light sand cut. PU ret tool and RIY w/tbg. Circ hole clean every 1000'. Clean out to RBP @ 5830'. Pull RBP & reset @ 5390'. Pressure tested RBP to 2500#. Held OK. POOH w/30 stands tbg and SION. Daily load recovered = 273 bbls. Accum. load recovered = 273 bbls. Accum total load = 1496 bbls.

Time	Choke	Press	Bbls	Remarks
7:00	8/64	1650		Start flow back
8:00	8/64	750	26	Slick H2O
9:00	8/64	650	58	" "
10:00	8/64	300	90	" "

Federal #14-34-B cont'd ...

Rate (BPM)	Press (CSG)	Volume (BBLs)	Event
0	0	0	Start up w/pad
45	2700	50	Estab inj rate shut shut dn ISIP 1600#
45	1500	50	Start up again
45	2500	136	Pad @ perfs
45	2600	381	Start 1# 20/40
45	2500	431	Start 2# 20/40
45	2400	486	Start 3# 20/40
45	2400	517	1# 20/40 @ perfs
45	2300	546	Start 4# 20/40
45	2100	567	2# 20/40 @ perfs
45	2100	611	Start 5# 20/40
45	2100	622	3# 20/40 @ perfs
45	2100	681	Start 6# 20/40
45	2100	682	4# 20/40 @ perfs
45	2000	747	5# 20/40 @ perfs
45	2000	757	Start 6# 16/30
45	2000	817	6# 20/40 @ perfs
45	2000	833	Start 6.5# 16/30
45	1900	893	6# 16/30 @ perfs
45	1900	913	Start 7# 16/30
45	1900	969	6.5# 16/30 @ perfs
45	1900	997	Start flush
45	2200	1049	7# 16/30 @ perfs
45	2600	1133	End of treatment ISIP 1600#

1024 Bbls to recover

49,000# 20/40

50,800# 16/30

Daily cost \$26,564; CCC \$113,228

6-4-89

17 hr SICP = 1100#. Flow well to pit thru adjustable choke. RIH w/2-7/8" tbg & ret tool. Tagged sand @ 5920'. RU & circ out sand to top of RBP @ 5980'. PU RBP and reset @ 5820'. Pressure test to 2000# - held ok. POOH w/tbg & ret tool. Shut down until Monday A.M.

Time	Choke	CSG Press	Bbls	Remarks
7:00	8/64	1100	0	Start flow back
8:00	8/64	700	25	Slick H2O
9:00	8/64	700	50	" "
10:00	10/64	550	80	" "
11:00	12/64	500	110	" " w/some gas
12:00	2"	250	140	" "
12:30	2"	0	155	
			185	while tripping pipe.

Daily cost \$2,845; CCC \$116,073

NGC ENERGY COMPANY

NGC OPERATED - COMPLETION

NGC Energy Company
Pleasant Valley
Federal #14-34-B

660' FWL 660' FSL, SW/SW Sec. 34-T8S-R16E, Duchesne Co., Utah.
PTD 6500'. Formation: Green River. Spud: 5/7/89. Contractor:
General Well Service Rig #1. Elevation: 5674' GR. NGCE has
100% WI. AFE #8940. AFE Drilling Amt: \$120,340. AFE
Completion Amt: \$306,660. Total AFE Amt: \$427,000

5-31-78 Day 1. MIRU General Well Service Rig #1. NU
BOP's. PU bit and csg scraper. RIH w/2-7/8" 6.5#
J-55 tbg to PBTD @ 6237'. Displace well w/2% KCL
water w/clay stab. & biocide. POOH w/2-7/8" tbg &
tools. SION. Daily cost \$18,190; CCC 18,190

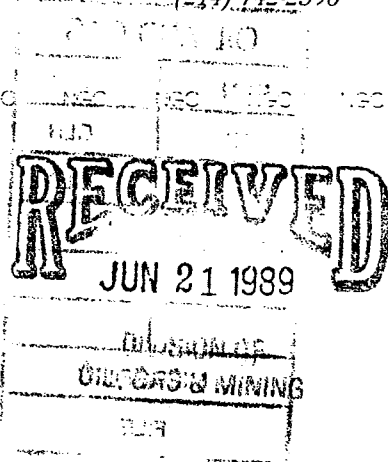
6-1-89 Day 2. RU Schlumberger and run Cement Bond Log
from PBTD 6237' to 1100' under 1000# surface
pressure. Est cmt top @ 1430'. RIH w/4" csg gun
and perforate interval @ 6078'-88', 4 SPF, 40
holes. Pressure tested casing before perforating
to 3000# - held OK. SION. Daily cost \$55,869;
CCC \$74,059

6-2-89 Day 3. RU Smith Energy to frac interval @
6078'-88'. Started pumping into zone @ 41 BPM @
3350#. Had 144 bbls pad into formation with rate
41 BPM @ 3150#. Too tight to start sand. Had 500
gal 7-1/2% HCL w/clay stabilizer & iron
sequestrant. Pump acid w/60 ball sealers. (Saw
ball action but didn't completely ball out.) Surge
balls off perforations and establish new pump rate
@ 29 BPM @ 2930#. Pumped 24 bbls KCL water spacer
& 185 bbls pad into formation. Formation still too
tight. Shut down operations.
Initial ISIP 1900# est frac grad. .75
Final ISIP 2140# est frac grad. .81
Daily cost \$12,605; CCC \$865,664

6-3-89 Day 4. SICP = 1100#. Open well to pit on 2"
choke. Blew down in 5 min. PU Mountain States Oil
Tools RBP and RIH w/2-7/8" tbg. Set RBP @ 5985'
and pressure tested to 2000#. Held OK. POOH w/tbg
& ret head. RU Schlumberger & RIH w/4" casing guns
& perforate interval @ 5858'-68' 4 SPF 90 DEG
phased 40 holes. RU Smith Energy and frac F1
interval @ 5858'-68' as follows:

NGC
Energy
Company

2001 Bryan Tower
Suite 953
Dallas, Texas 75201
(214) 742-2396



June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY
2001 Bryan Tower, Suite 953
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY
85 South 200 East
Vernal, UT 84078

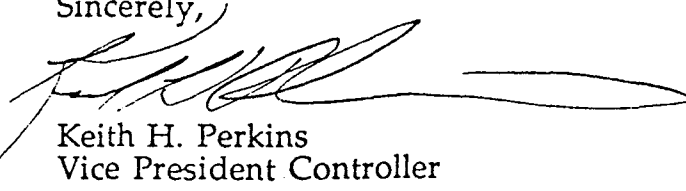
All remittances should be mailed to:

PG&E RESOURCES COMPANY
P. O. Box 840274
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,


Keith H. Perkins
Vice President Controller

KHP/chs

6-26-89
NGC Energy Co : Natural Gas Corp
of CA are one in the same
company. talked w/ Mr. Perkins
he indicated both companies
should reflect the chg. NGC Co.
will send a chg of op from
Natural Gas Corp to NGC.
JAS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR N.G.C. LEASE _____
WELL NO. 14-34-B API 43-013-31225
SEC. 34 T. 8S R. 16E CONTRACTOR _____
COUNTY Duchesne FIELD Monument Butte

DRILLING/COMPLETION/WORKOVER:

<input checked="" type="checkbox"/> APD	<input checked="" type="checkbox"/> WELL SIGN	<input checked="" type="checkbox"/> HOUSEKEEPING	<input checked="" type="checkbox"/> BOPE
<input checked="" type="checkbox"/> SAFETY	<input checked="" type="checkbox"/> POLL. CONTROL	<input checked="" type="checkbox"/> SURFACE USE	<input checked="" type="checkbox"/> PITS
<input checked="" type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :
☐ WELL SIGN ☐ HOUSEKEEPING ☐ EQUIPMENT* ☐ SAFETY
☐ OTHER

ABANDONED:
☐ MARKER ☐ HOUSEKEEPING ☐ REHAB. ☐ OTHER

PRODUCTION:
☐ WELL SIGN ☐ HOUSEKEEPING ☐ EQUIPMENT* ☐ FACILITIES*
☐ METERING* ☐ POLL. CONTROL ☐ PITS ☐ DISPOSAL
☐ SECURITY ☐ SAFETY ☐ OTHER

AS DISPOSITION:
☐ VENTED/FLARED ☐ SOLD ☐ LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: location, rig.

REMARKS: Drilling ahead at 3299'

ACTION: _____

INSPECTOR: GARY GARNER DATE 5/16/89

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE*
(Other instruction re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO U-47171
2. NAME OF OPERATOR NGC Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL, 660' FSL SW/SW		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-013-31225		9. WELL NO. 14-34-B
15. ELEVATIONS (Show whether DF, RT, OR, SEC.) 5674' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>

(Other) Initial Production

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the subject was put on production June 24, 1989 at 7 a.m.
Initial production was 413 bbls. oil and 103 bbls. water.

Future reports will be on Form 3160-6, Monthly Report of Operations.

Copies: Div. OG&M; SGoodrich; Central Files-Dallas; Chorney; Amerada Hess; Lomax

18. I hereby certify that the foregoing is true and correct

SIGNED

Randy Miller
Randy Miller

TITLE Area Foreman

DATE June 26, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
NGC Energy Company

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any well requirements)
At surface
660' FWL, 660' FSL, SW/SW
At top prod. interval reported below
Same as above
At total depth
Same as above

14. PERMIT NO. 43-013-31225 DATE ISSUED 12/20/88

15. DATE SPUDDED 5/7/89 16. DATE T.D. REACHED 5/20/89 17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5674 GR 5689 KB 19. ELEV. CASINGHEAD 5674

20. TOTAL DEPTH, MD & TVD 6500 21. PLUG, BACK T.D., MD & TVD 6237 22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY 0'-6500' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Green River

25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, SFL, SP, GR, FDC, CNL, GR, CAL, CBL, GR

27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	300	12-1/4	165 sx Class G, 2% Cacl ₂	None
				1/4# Flocele per sx	
5-1/2	17	6330	7-7/8	185 sx Light, 710 sx RFC	None
				10%	

LINER RECORD					TUBING RECORD		
SIZE	TDP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	5836	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6076-6088 Lower F.4 SPF could not frac	500 gal. acid	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5858-5868 F1, 4 SPF			SEE BACK SIDE
5652-5726 E2, 4 SPF			
5278-5286 Lower D, 4 SPF			
4964-5038 DG (2 & 4) 4 SPF			

33. PRODUCTION				WELL STATUS (Producing or shut-in)			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						
6/24/89	Beam Pumping Unit American 320G						Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/28/89	24	1/8		182	320	21	1758/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	960		182	320	21	33	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY Randy Miller

35. LIST OF ATTACHMENTS
Geological Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED C.M. Heddleson TITLE Production Supt. DATE 6/16/89

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<p>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</p> <p>5858-5868: 49,000# 20/40, 50,800# 16/30, 1024 bbls. gel/water</p> <p>5652-5726: 72,000# 20/40, 60,000# 16/30, 1496 bbls. gel/water</p> <p>5278-5286: 500 gal. 7-1/2% HCL, 33,000# 20/40, 39,500# 16/30, 781 bbls. gel/water</p> <p>4964-5038: 500 gal. 7-1/2% HCL, 74,000# 20/40, 73,000# 16/30, 1603 bbls. gel/water</p>

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	✓
3- FILE	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River		
"A"	4291	4298
"B"	4535	4540
D.C.2	4964	4980
D.C.4	5028	5038
Lower "D"	5278	5286
E2	5652	5726
F1	5858	5868
Lower "F"	6076	6088

GEOLOGICAL WELLSITE REPORT

NGC Energy Company

NGC #14-34-B
SW SW Sec. 34, T8S, R16E.
Duchesne County, Utah

John R. Wingert
NGC Energy Company

WELL DATA

OPERATOR: NGC Energy Company

WELL NAME: NGC #14-34-B

LOCATION: SW SW Sec. 34, T8S, R16E
660' FWL, 660' FSL
Duchesne County, Utah

FIELD: Monument Butte

ELEVATION: G.L. 5674' K.B. 5690'

SPUD DATE: 5/7/89

T.D. REACHED: 5/20/89

TOTAL DEPTH: 6502' Halliburton, 6500' Driller

FM. AT T.D.: Green River

HOLE SIZE: 12-1/4" Surface to 310'

BIT RECORD: 7-7/8" 310' to T.D.

CASING: 9-5/8" 36# K-55 surface csg. @ 308' w/212 sx cem.
5-1/2" K-55 17# Prod. Csg. @ 6330' w/895 sx cem.

DRILLING CONTRACTOR: Exeter Rig #7

TOOLPUSHER: Doug Grinolds

DRILLING FLUID: Company: Mustang Drilling Fluids
Engineer: Craig Hart
Type: KCL Water

MUDLOGGING: Melton Enterprises, Inc.
Art Melton and David Merkley

DST'S: None.

CORES: None.

SAMPLE PROGRAM: 3500' to T.D. 10' samples with 5' samples in main objective zones.

OPEN HOLE LOGS: Halliburton Logging Services, Inc.
Dual Induction - SFL 6500-296'
Compensated Density CNS Log 6500-296'

GEOLOGICAL SUPERVISION: John R. Wingert, NGC Energy Company

ENGINEER: Bill Ryan, NGC

WELL STATUS: Ran 5½" production casing for completion in multiple Lower Green River formation sands.

LOG TOPS

Uinta	Surface
Green River	1778 (+3951)
"A"	4291 (+1399)
"B"	4535 (+1155)
"D.C."	4931 (+ 759)
"D"	5184 (+ 506)
"E"	5308 (+ 382)
"E2"	5471 (+ 219)
"F"	5844 (- 154)
Basal Ls	6260 (- 566)
T.D. Logger	6502
T.D. Drlr.	6500

Oil and Gas Zones: Gross Interval 4964-6088'

ZONES RECOMMENDED FOR COMPLETION

<u>Interval</u>	<u>Zone</u>	<u>Ft. Pay</u>	<u>% Porosity</u>	<u>Mud Gas Max. Units</u>
4964-70	D.C. (2)	6'	15%	315
4972-80	D.C. (2)	8'	16-19%	315
5028-38	D.C. (4)	10'	14-15%	315
5278-86	Lower "D"	6'	14-18%	380
5652-66	E (2)	14'	16-18%	340
5672-84	E (2)	10'	13-16%	360
5715-26	E (2)	11'	12-16%	270
5858-68	F (1)	9'	12-13%	375
6076-78	Lower "F"	2'	11%	275
6080-88	Lower "F"	6'	11-12%	275

SAMPLE DESCRIPTIONS

Lagged Samples

- 3600-60 Sh, lt to dk brn & dk gy, v. limey, hd, gds to argillaceous ls, brn, w/abd yell-gold min fluor. Mud gas 100-150 units w/peaks to 200 & 250 units.
- 3660-3700 Sh, gy-brn to brn, v. limey, gds to argillaceous ls, brn, hd, abd yell-gold min fluor. Mud gas 150-250 units.
- 3700-50 Sh, lt to dk brn, v. limey, hd, background gas 125 units w/peaks to 200 units, tr oil in smp, abd yell-gold min fluor.
- 3750-3850 Sh, brn to dom dk gy, v. limey w/yell-gold fluor. Background gas 75 to 125 units. Strgs Ss, lt gy to wh, calc, vfn-fn gn, s-ang, well cem, low por, NSOFC.
- 3850-3920 Sh, brn to dom v. dk gy, v. limey, yell-gold fluor. Tr Ss, aa, NSOFC. Background gas 150 units.
- 3920-4000 Sh, pt dk gy aa, dom med to dk brn, v. limey, hd, abd gold min fluor, pt gds to argillaceous ls, hd. Oil sh zone. Background gas 250 to 350 units.
- 4000-50 Sh, dk brn, limey aa w/yell-gold min fluor, $\pm 15\%$ sh, grn-gy, calc, hd, tr Ss, strgs, lt gy, vfn gn, low por to tite, tr brn oil stn, dom no show. Shale gas, background 250-300 units.
- 4050-4100 Sh, dk brn aa w/incr v. dk gy, gds to argillaceous ls, sli incr Ss, lt gy to wh, vfn gn, s-ang, low por, tite, NSOFC. Background gas 275 units.
- 4100-19 Sh, dk gy aa w/yell-gold fluor. Abd Ss, lt gy, vfn gn, calc, s-ang, low por, no vis smp show. Background gas 200 units - shale gas. Slow drlg from dull bit. Trip for N.B. @ 4119'.
- 4119-70 Sh, dom grn-gy, calc, pt slty, mod-hd w/ $\pm 20\%$ sh, brn, limey aa, abd yell-gold min fluor. Tr Ss, lt gy, calc, vfn gn, tite NSOFC. Minor tan pelletal ls. Abd pipe dope in smp from trip for new bit. Background gas 250 to 300 units.
- 4170-4220 Sh, grn gy aa, calc, pt silty to sdy w/strgs Ss, grn-gy, calc, slty, vfn gn, tite NSOFC. $\pm 25\%$ tan, pt pelletal ls w/gold min fluor. Background gas 350-400 units.
- 4220-40 Sh, grn gy, calc, aa w/ $\pm 10\%$ ls, tn, pt pelletal gold min fluor.
- 4240-4270 Sh, grn-gy, calc pt slty w/strgs & intbds of sltstn, gy vfn gn sdy, tite NSOFC. $\pm 5\%$ tn ls aa w/gold min fluor.
- 4270-90 Sh, brn, v. limey, hd w/10-20% grn-gy sh, slty aa. Background gas 300-400 units.
- 4290-4380 Sh, pred grn gy, calc, pt slty, w/strgs tan argill ls w/gold min fluor. Tr strgs Ss, vfn gn, lt gy, calc, tite NSOFC. Background gas 250 units.

- 4380-4450 Sh, pred grn-gy, calc, pt slty, w/ls, tan to rd-brn, v. argill, $\pm 10\%$ smp. Abd gold min fluor. Tr sltstn strgs, gy, calc, vfn gn sdy, tite NSOFC. Background mud gas 200 units.
- 4450-4510 Sh, grn gy, aa w/decr brn ls and sli incr, sltstn, gy aa grading to Ss, lt gy, calc, slty, vfn gn, s-ang tite NSOFC. Mud gas 200-250 units.
- 4510-40 Sh, grn gy, calc, pt slty w/25-35% sh, brn, v. limey w/gold min fluor. Strgs Ss, lt gy, calc, slty, vfn-fn gn, pr sort tite, NSOFC.
- 4540-50 Sh, dk brn to brn gy, v. calc, $\pm 25\%$ grn gy sh intbds, calc, med hd, NSOFC. Tr Ss, aa NSOFC.
- 4550-70 Sh, grn gy, calc, aa w/sh dk brn $\pm 25\%$ aa.
- 4570-80 Sh, grn gy & dk brn, calc, pt slty aa w/strgs Ss, lt gy-wh, vfn gn, s-ang, tite NSOFC. SHOW #1 - Mud gas 220/340/150.
- 4580-4640 Sh, grn gy to dk brn gy, v. calc, gold min fluor, tr Ss, aa tite NSOFC. Background mud gas 150 units.
- 4640-70 Sh, dk gy-brn, v. calc, med hd, $\pm 20\%$ grn-gy sh aa, abd yell-gold min fluor. Background gas 150-175 units.
- 4670-90 Ss, lt gy, calc, vfn-fn gn, s-ang to s-rnd, pr sort well cem, low por, tite NSOFC. Background gas 150 units. Intbds grn gy sh and dk brn carb sh aa.
- 4690-4710 Sh, dom grn-gy to dk brn gy, calc, gold min fluor. Abd Ss in smp, lt gy aa NSOFC. No significant drilling brk or gas incr. Background gas 150 units.
- 4710-64 Sh, dom grn-gy to pt dk brn gy, calc, med hd, strgs Ss, lt gy, calc, vfn gn, s-ang, pr sort, low por to dom tite, NSOFC. Tr hvy blk oil in smp @ 4750-60.
- 4764-84 Sh, grn-gy to dk gy, calc, hd w/Ss, lt gy, calc, vfn gn, s-ang, pr sort, tite NSOFC. Sli drlg brk. Background gas 135 units.
- 4784-92 Sh, dom dk gy calc, aa.
- 4792-4814 Sh, brn to dom grn-gy, calc, w/strgs Ss, lt gy, calc, vfn gn, s-ang, tite no smp show. Mud gas 150/195/155.
- 4814-18 Sh, grn-gy aa, mud gas 155 units background.
- 4818-20 Ss, lt gy, calc, vfn gn, s-ang, pr sort tite, no smp show. Mud gas 155/235/160.
- 4820-54 Sh, grn-gy to brn, v. calc, aa. Minor strgs Ss, lt gy, calc, aa, NSOFC. Mud gas background avg 150 units.
- 4854-60 Ss, lt gy, calc, vfn gn, s-ang, pt slty, low por tite, no smp show. Mud gas 145/235/145.

- 4860-4940 Sh, grn gy, calc aa w/abd Ss, lt gy, vfn-fn gn, s-ang, pr sort, low por to tite, NSOFC. Mud gas background 150 units.
- 4940-66 Sh, dk brn-gy, calc, hd, gold min fluor. Abd strgs Ss, lt gy, calc, vfn-fn gn, s-ang, fr-pr sort, low por, patchy to pt even lt brn oil stn, yell fluor & good str cut. Mud gas 140/240/140.
- 4966-80 Ss, gy, calc, vfn-fn gn, s-ang to s-rnd, fr sort, fri, fr-gd por, even lt to dk brn stn, pale yell fluor, gd str cut. Drlg Brk 14' in 10 min. Top 4' @ .7 min/ft, 2' avg 1½ min/ft, btm 8' ½ min/ft. SHOW #2 - Mud gas 160/360/180 D.C.(2).
- 4980-5030 Sh, dk brn to dk gy, calc, hd tite w/abd Ss, aa w/brn oil stn, yell fluor & gd str cut. Prob cvgs but poss thin beds or stringers.
- 5030-37 Ss, gy, calc, vfn-fn gn, s-ang to s-rnd, fri gd sort, fr-good por, even brn oil stn, yell fluor, gd str cut. SHOW #3 - D.C.(4) 5030-37 150/315/160.
- 5037-60 Sh, dk gy & dk brn, calc, hd w/minor oil stn Ss, aa, cvgs or stringers.
- 5060-70 Ss, gy, calc, vfn-fn gn, fr sort, pt well cem to sli fri, dk brn even oil stn, yell fluor, gd str cut. No gas incr or drlg brk, 160 units background.
- 5070-86 Sh, grn gy to dk brn-gy, calc, w/cvgs or strgs of Ss, aa w/brn stn, yell fluor & cut. No significant drlg brk, 50 units mud gas incr.
- 5086-89 Ss, gy, calc, vfn-fn gn, s-ang, pt well cem, low por, gd brn oil stn w/yell fluor & cut. 75 units mud gas incr.
- 5089-5150 Sh, dk grn gy to dk gy, calc, pt slty, tite gds to dk gy w/brn limey sh strgs. Tr slty sd strgs, vfn gn, well cem, tite NSOFC, yell-gold min fluor. Background mud gas 125-150 units.
- 5150-5200 Sh, dk gy-brn, calc, med hd w/minor lt brn ls w/yell min fluor.
- 5200-78 Sh, grn-gy to dom dk brn gy, v. calc, med hd, min fluor, minor blk tarry oil in smp. Mud gas background 100-160 units.
- 5278-84 Ss, gy, calc, vfn-fn gn, s-ang to s-rnd, fri, abd loose gas in smp, gd por, abd even brn oil stn, bri yell fluor, gd str cut. SHOW #4 - 140/280/150, drld 6' in 4 min.
- 5284-5308 Sh, dk gy-brn & grn gy calc w/abd Ss, aa w/even brn oil stn, yell fluor and gd str cut. No drilling brk, poss cvgs from 6' drlg brk. Mud gas 150/380/230.
- 5308-33 Sh, dk gy-brn, v. calc, med soft, carbonaceous w/minor grn gy sh, calc. Mud gas 225-250 units.
- 5333-70 Sh, dk gy-brn w/±40% sh, grn-gy, calc.
- 5370-5400 Sh, pred grn gy w/intbd sh dk gy brn, gold min fluor, tr sdy gy sltstn strgs, NSOFC. Background mud gas 200 units.

5400-50 Sh, grn-gy to dk gy, calc, pt slty, med hd, scat gold min fluor, NSOFC. Background gas 215 units.

5450-5500 Sh, grn-gy, calc, pt slty. Strgs Ss, lt gy, calc, vfn gn slty gds to sltstn, calc, tite. Background gas ± 225 units. Tr tarry oil in smp.

5500-60 Sh, dk gy brn, calc, carbonaceous, med soft, tr free oil in smp. Background gas 220-250 units.

5560-80 Sh, grn-gy, calc, slty, gds to & intbd w/sltstn, grn-gy calc, pt sdy gds to slty, tite Ss, gy, vfn gn, tite NSOFC. Background gas 220-230 units.

5580-5600 Sh, dk gy brn, calc, soft. Background gas 240 units.

5600-50 Sh, grn-gy, calc, pt slty, gds to sltstn, grn-gy calc, pt vfn gn sdy tite, occ tarry oil in smp. 180 units background gas.

5650-64 Sltstn, grn-gy, calc, vfn gn sdy. Drld about 1 min/ft.

5664-70 Sh, grn gy w/blk carb calc. Mud gas incr 240/320-40/220, no drlg brk.

5670-80 Ss, gy, calc, vfn-fn gn, s-ang to s-rnd, pt fri, fr-gd por, even brn oil stn, yell fluor w/gd str cut. SHOW #5 - Mud gas 220 units, 1 min/ft.

5680-90 Sh, grn-gy to dk gy, calc, pt slty w/abd Ss w/brn oil stn aa. No drlg brk, 220/360/110.

5690-5715 Sh, grn-gy and dk gy, calc to slty.

5715-19 Ss, gy, calc, vfn-fn gn, fri, fr-gd por, even dk brn oil stn, yell fluor, gd str cut. SHOW #6 - 120/270/160, drlg brk 1 min/ft.

5719-52 Sh, grn-gy, calc, w/pt dk brn carb sh. Abd Ss aa in 5720-30 smp.

5752-56 Ss, gy, calc, vfn gn, s-ang, low por to dom tite, brn oil stn, yell fluor, str cut, drld in 3 min. Abd blk sh in smp. Mud gas ± 150 units.

5756-67 Sh, dk gy-brn, calc, pt carb, med soft.

5767-70 Ss, gy, calc, vfn gn, slty tite, patchy brn stn, fr cut. Smp incl soft blk carb sh, poss in drlg brk.

5770-89 Sh, dk brn to gy, calc, med hd, yell gold min fluor.

5789-96 Sh, dk brn-blk, carb, soft fissile. Drlg brk 1 min/ft.

5796-5805 Sh, dk gy-brn, calc.

5805-31 Sh, blk carb, calc, soft, fissile. Drlg brk, drld 26' in 19 min.

5831-58 Sh, dk gy brn, calc, med hd.

- 5858-70 Ss, gy, calc, vfn-fn gn, pt fri, gd sort, good por, even brn oil stn, yell fluor, gd str cut. F(1) Ss. SHOW #7 - Excellent show 125/375/125, drlg brk, 1 min/ft.
- 5870-5900 Sh, dk gy-brn, calc, w/abd Ss, w/brn oil stn aa, abd Ss, lt gy-wh, well cem, s-ang pr sort low por to tite.
- 5900-05 Ss, lt gy, calc, vfn-fn gn, s-rnd, fr sort, fr cem to fri, spotty brn oil stn, yell fluor wk to fr str cut. F(2) SHOW #8 - Fair show 125/225/115.
- 5905-24 Ss, gy to wh, calc, vfn-fn gn, s-ang to s-rnd, low por to tite, pinpoint to spotty brn oil stn, scat pale yell fluor, wk to fr cut.
- 5924-28 Ss, no smp caught, drilled @ 1 min/ft. Mud gas 110/180/115. Wk gas incr, porous zone indicated.
- 5928-54 Ss, lt gy calc, vfn gn, s-ang, pr sort, slty, low por to dom tite, tr pinpoint brn oil stn, tr yell fluor, wk milky cut. Mud gas 100 to 125 units background.
- 5954-62 Sh, dk brn, calc, med soft, carbonaceous. Background gas 125-140 units. Drld in 10 min.
- 5962-72 Sltstn, grn-gy, calc, vfn gn sdy, tite, NSOFC. Abd shale brn, carb aa in smp.
- 5972-80 Sh, dk brn, calc, carbonaceous, soft. Drld at 1 min/ft. No gas incr. Background mud gas \pm 125 units.
- 5980-6000 Sh, dk gy, calc, slty. Intbds & strgs sltstn, gy, calc, vfn gn sdy gds to Ss, gy, calc, vfn gn, pr sort, s-ang, slty tite NSOFC. Background gas 125 units.
- 6000-6025 Sltstn, gy calc, sdy, tite, gds to Ss, gy, calc, vfn gn, s-ang, slty, tite NSOFC. Background gas 115 units.
- 6025-30 Ss, gy & grn-gy, calc, vfn gn, slty, v. low por, NSOFC. Drld 1 min/ft @ 6025-26 & 6028-30. Mud gas 115/180/115.
- 6030-40 Sh, dk brn-gy, calc, pt slty, minor slty Ss, aa in smp.
- 6040-47 Sltstn gds to vfn gn slty Ss, gy calc, tite, drld @ 1 min/ft. Mud gas 125/200/115.
- 6047-74 Sh, dk gy, calc, med hd, yell-gold min fluor.
- 6072-84 Ss, lt gy to wh, v. calc, vfn gn, pr sort, well cem, calc cem, tite, scat pale yell fluor, no vis stn, wk milky cut. Show #9 - Mud gas 115/275/130, poor to fair show.
- 6083-6117 Sh, dk gy, calc w/abd Ss, vfn gn, wh, no smp show aa. Poss strgs or cvgs. Background gas 115 to 130 units.
- 6117-20 Ss, lt gy to wh, calc, vfn gn, s-ang, well cem, no vis stn, pale yell fluor, fr-gd str cut, no gas incr, 190 units background.

- 6120-50 Sh, dk gy calc, hd, gold min fluor w/yell oil fluor, abd free oil in smp & over shaker in 30-40 smp. Abd Ss, calc, tite aa in smp cvgs or poss thin intbds and strgs.
- 6150-6214 Sh, grn gy to dk gy calc, hd w/strgs Ss, lt gy, calc, slty, gds to sdy sltstn, well cem, tite tr fluor, no vis stn or cut. Background gas 150 units.
- 6214-25 Sh, dk gy to blk, med hd to soft, v. calc. Drld @ 1 min per ft.
- 6225-60 Sh, grn-gy to dom dk gy, calc, hd, strgs, sli sdy sltstn.
- 6260-90 Sh, dk brn-blk, v. calc, soft, carbonaceous, drilled @ 1 to 1½ min/ft. Abd free oil over shaker and in smp.
- 6290-6330 Sh, blk carbonaceous, soft. Background gas approx 175 units. Trip for hole in pipe @ 6352'.
- 6320-60 Sh, med brn to dk brn-gy, v. limey gds to ls, v. argillaceous hd, tr grn-gy & buff limey sh, minor gold min fluor. Mud gas 140 to 360 units.
- 6360-6420 Sh, pred dk brn-blk, v. limey gds to ls, dk brn-gy, v. argillaceous. Minor ls, tan to rd-brn, v. argill, hd. Scat yell-gold min fluor. Mud gas mainly 200 to 300 units.
- 6420-40 Sh, grn-gy, calc, pt slty w/strgs & incl sltstn, gy pt sdy. Ss, grn gy to dom lt gy, calc, vfn gn slty, s-ang, well cem, tite, NSOFC. Ls, tan to rd brn, dense to pt pelletal, hd tite. Abd yell-gold min fluor. Sh, dk brn-gy aa, cvgs or interbedded. Drill time decr from 1 to 1½ min/ft. to 2 to 3 min/ft @ 6420'.
- 6440-60 Sh, dom dk brn-gy, calc, med hd aa w/grn-gy & sh, slty w/tr tite slty Ss strgs aa. Ls, brn-tn, micro-xln to sli pelletal aa, yell-gold min fluor.
- 6460-90 Sh, dom grn-gy, calc, pt slty w/abd dk brn gy sh aa in smp. Strgs sltstn and Ss, gy, calc, slty vfn gn, s-ang, pr sort tite NSOFC. Ls, tan to rd-brn, micro-xln to sli pelletal, hd, strgs or thin intbds, yell-gold min fluor. Background mud gas ±150 units.
- 6490-6500 Ss, lt gy to wh, calc, vfn gn, dom s-ang, well cem, pt v. slty, tite NSOFC, gds to sltstn grn-gy, calc, sdy tite. Intbd w/sh, gy grn, calc, and brn to dk brn-gy, abd yell-gold min fluor. Mud gas 150/190/160.

T.D. 6500'

John R. Wingert

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-47171
2. NAME OF OPERATOR PG&E Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL, 660' FSL SW/SW		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-013-31225		9. WELL NO. 14-34-B
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5674 GR 5689 KB		10. FIELD AND POOL, OR WILDCAT Monument Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R16E
		12. COUNTY OR PARISH DuChesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Site Security Plan

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Plan Diagram for the subject well.

OIL AND GAS	
DN	RT
JOB	GR
DIG	SLG
MICROFILM	
FILE	

cc: Div. Oil, Gas & Mining; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED Herbert M. Hedblom

TITLE Production Supt.

DATE 11/27/89

(This space for Federal or State office use)

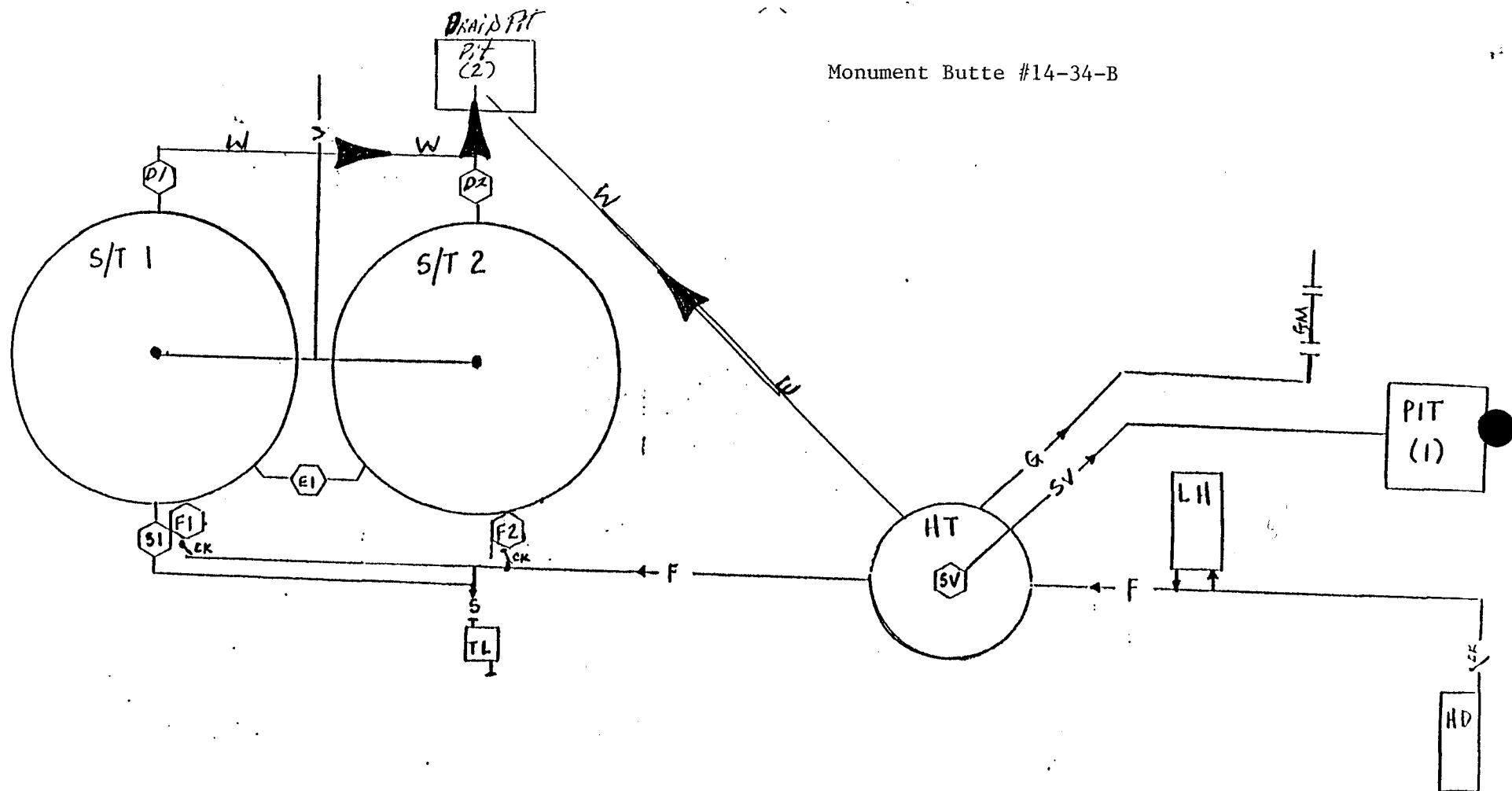
APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

Monument Butte #14-34-B



PG&E Resources Company
Lease: Federal U-47171
Location: SW/SW Sec. 34, T8S, R16E

This well is subject to the Site Security Plan for northeast Utah operations. The is located at PG&E Resources Company, 85 South 200 East, Vernal, UT 84078.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR N.G.C. Energy Co. LEASE Federal
WELL NO. 14-34 B Federal + Tanks API 43-013-31225
SEC. 34 T. 8S R. 16E CONTRACTOR _____
COUNTY Duchesne FIELD Monument Butte

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :
☐ WELL SIGN ☐ HOUSEKEEPING ☐ EQUIPMENT* ☐ SAFETY
☐ OTHER

ABANDONED:
☐ MARKER ☐ HOUSEKEEPING ☐ REHAB. ☐ OTHER

PRODUCTION:
☒ WELL SIGN ☒ HOUSEKEEPING ☒ EQUIPMENT* ☒ FACILITIES*
☒ METERING* ☒ POLL. CONTROL ☒ PITS ☐ DISPOSAL
☒ SECURITY ☒ SAFETY ☐ OTHER

AS DISPOSITION:
☐ VENTED/FLARED ☒ SOLD ☒ LEASE USE

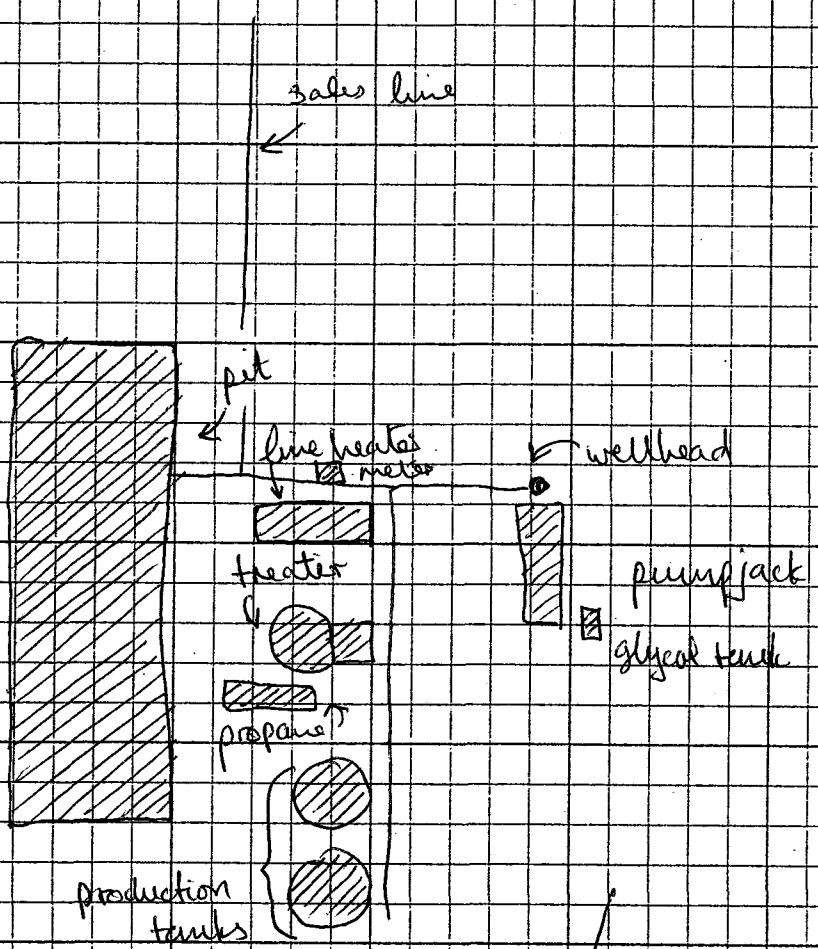
LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: location, wellhead, pumpjack, line heater, pit,
heater, propane tank, glycol tank, 2 production tanks

REMARKS: OK - well is flowing - currently venting gas to the
pit.

ACTION: _____

INSPECTOR: GARY GARNER DATE 7/11/89



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-47171	
2. NAME OF OPERATOR PG&E Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL 660' FSL SW/SW		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-013-31225		9. WELL NO. 14-34-B	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5674' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., R., E., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R16E	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Site Security Plan	X	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Plan Diagram for the subject well.

OIL AND GAS	
DDN	RJF
JLD	GLH
BYD	SLS
1. JH	
2. MICROFILM	✓
3. FILE	

Copies: Div. of Oil, Gas & Mining; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED C. M. Heddleson TITLE Production Supt. DATE 2/14/90
C. M. Heddleson
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
OIL AND GAS INSPECTION RECORD

OPERATOR P.G.+E LEASE Fed
WELL NO. FED 14-34-B API 43-013-31225
SEC. 34 T. 8S R. 16E CONTRACTOR _____
COUNTY DUCH FIELD M. BUTTE

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT*	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input type="checkbox"/> MARKER	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> REHAB.	<input type="checkbox"/> OTHER
---------------------------------	---------------------------------------	---------------------------------	--------------------------------

PRODUCTION:

<input checked="" type="checkbox"/> WELL SIGN	<input checked="" type="checkbox"/> HOUSEKEEPING	<input checked="" type="checkbox"/> EQUIPMENT*	<input checked="" type="checkbox"/> FACILITIES*
<input checked="" type="checkbox"/> METERING*	<input checked="" type="checkbox"/> POLL. CONTROL	<input checked="" type="checkbox"/> PITS	<input type="checkbox"/> DISPOSAL
<input checked="" type="checkbox"/> SECURITY	<input checked="" type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

<input type="checkbox"/> VENTED/FLARED	<input checked="" type="checkbox"/> SOLD	<input checked="" type="checkbox"/> LEASE USE
--	--	---

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: LOCATION, W.HEAD, PUMP JACK, LINE HEATER, TREATER,
2 OIL TANKS, WATER TANK, PROPANE TANK.

REMARKS: OK

ACTION: _____

INSPECTOR: GARY GARNERDATE: 1/10/20

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-47171	
2. NAME OF OPERATOR PG&E Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL 660' FSL SW/SW		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-013-31225		9. WELL NO. 14-34-B	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5674' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R16E	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) NTL-2B	X	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to dispose of produced water into an above ground tank. The tank will be fiberglass with a capacity of approximately 100 bbls. Water from the tank will be taken by truck and disposed of at a state and federally approved disposal pit.

Operator also proposes construction of an emergency pit to be 20' square at surface with 1:1 slopes, 5' deep and 10' square at bottom. This pit will be fenced and bermed and only used in emergency situations. Any liquids discharged to the pit will be removed within 24 hrs.

Accepted by _____ State
of Utah Division of
Oil, Gas and Mining
Date: 2-23-90
By: [Signature]

OIL AND GAS	
ENV	FWP
JOB	1-CLN
DTG	SLS
2-TAS	
3-MICROFILM	
4-FILE	
DATE 2/14/90	

Copies: Div. of Oil, Gas, and Mining; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED C. M. Heddleson
C. M. Heddleson

TITLE Production Supt.

DATE 2/14/90

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

Federal Approval of this
Action is Necessary

*See Instructions on Reverse Side

~~WELL FILE~~

Duplicate



DUAL INDUCTION LATEROLOG

COMPANY WELL FIELD COUNTY ST	COMPANY NGC ENERGY Company			
	WELL FEDERAL 14-34-B			
	FIELD Monument Butte			
	COUNTY Duchesne		STATE UTAH	
API NO. LOCATION		OTHER SERVICES		
660' FWL + 660' FSL		CDL-CNS		
SEC. 34 TWP 8S RGE 16E				
PERMANENT DATUM G.L.		ELEV. 5674		
LOG MEASURED FROM K.B. 16 FT. ABOVE PERM. DATUM		ELEV.: K.B. 5690		
DRILLING MEASURED FROM K.B.		D.F. 5689		
		G.L. 5674		
DATE	5-20-89			
RUN NO.	ONE			
DEPTH-DRILLER	6500			
DEPTH-LOGGER	6502			
BTM. LOG INTER.	6500			
TOP LOG INTER.	296			
CASING-DRILLER	9 5/8" 300			
CASING-LOGGER	296			
BIT SIZE	7.87			
TYPE FLUID IN HOLE	KCL WATER			
DENS. : VISC	8.4 : 27			
PH : FLUID LOSS	11.5 : N/A			
SOURCE OF SAMPLE	Flowline			
RM * MEAS. TEMP.	.31 * 55			
RMF * MEAS. TEMP.	.31 * 55			
RMC * MEAS. TEMP.	NA * NA			
SOURCE RMF : RMC	m : m			
RM * BHT	.12 * 150			
TIME SINCE CIRC.	5 hrs.			
TIME ON BOTTOM	15:00			
MAX. REC. TEMP.	153 * T.D			
EQUIP. : LOCATION	7638 : FARM.			
RECORDED BY	BAKER			
WITNESSED BY	Mr. Ryan	Mr. Wingert		

05800

000 5858'
000 5868'
F1

05900

06000

000 6076'-
000 6088'
lower
F

06100

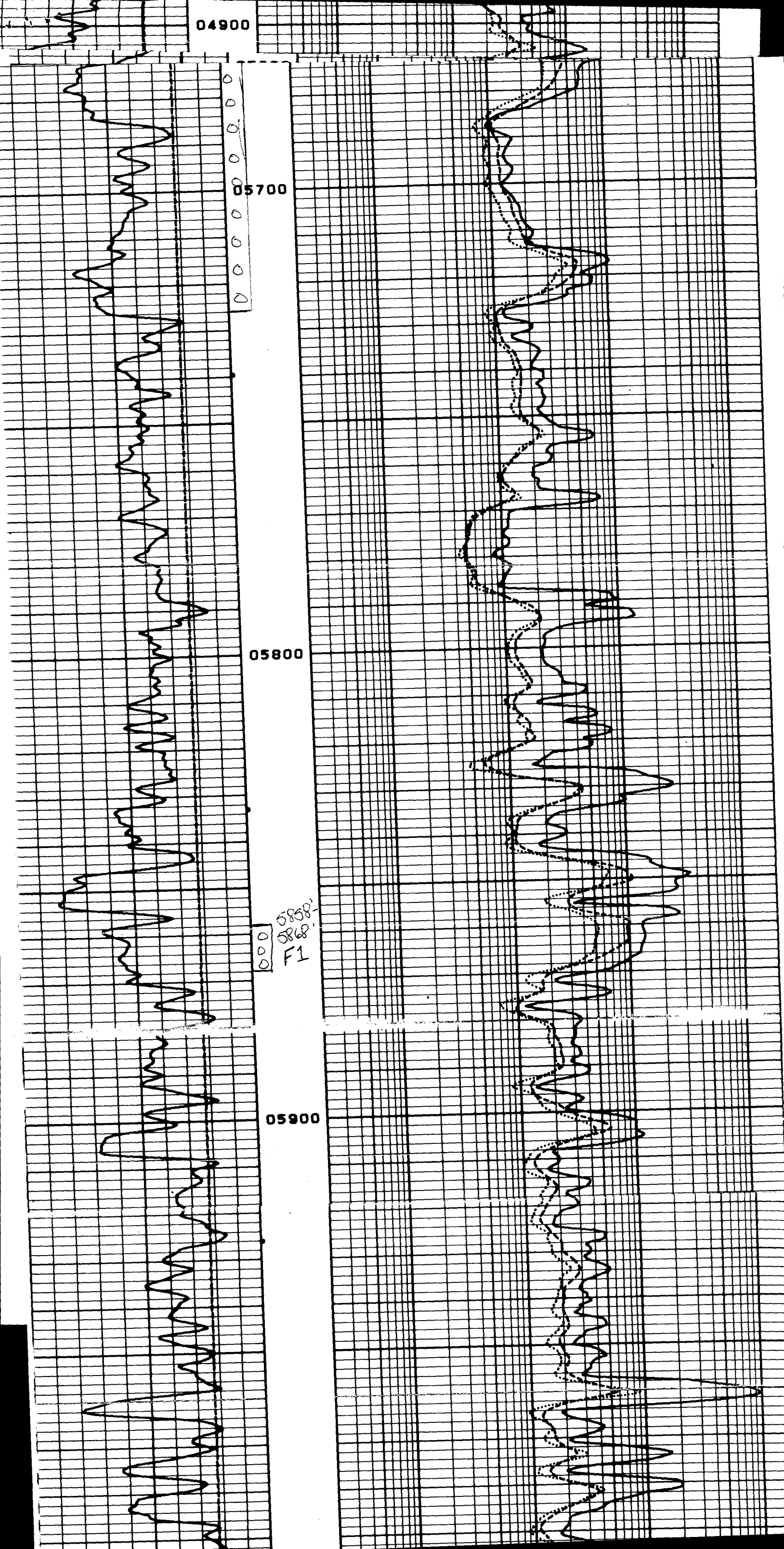
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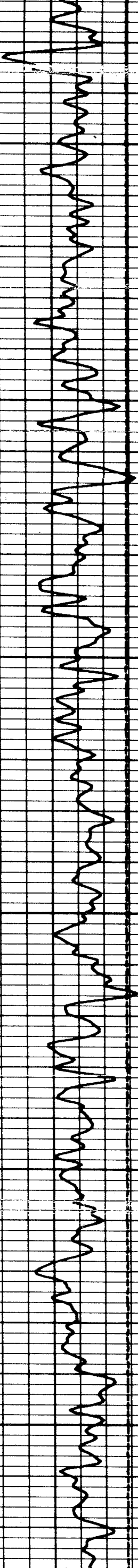
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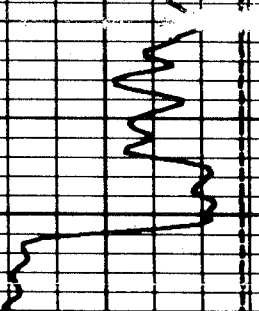
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05900





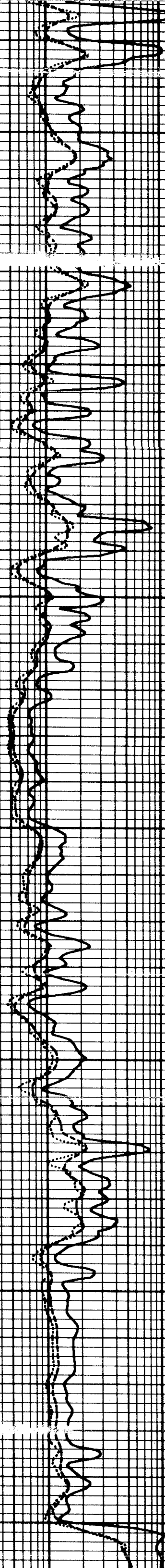
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05500

05600

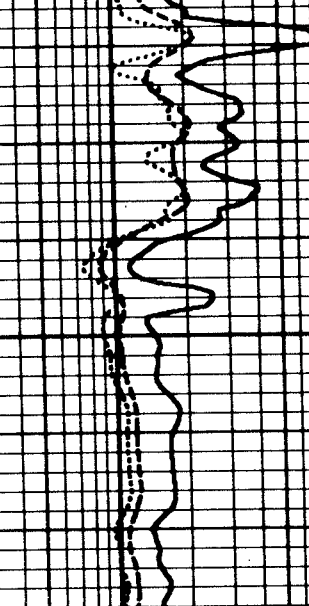
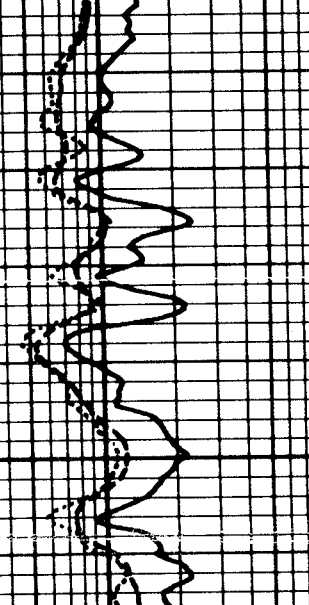
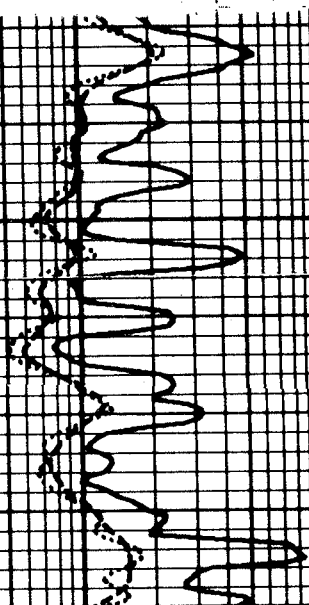
5652
5726
52



05300



05400



05500

05600

4964'-
5038'
DC
(244)

05000

05100

05200

5278'-
5286'-
Lower
D

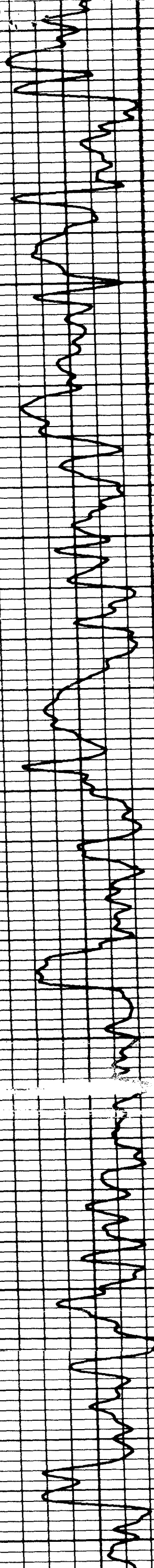
04900

4964'-
5038'
DE
(244)

05000

05100

05200



RECEIVED

NOV 23 1993

DIVISION OF OIL, GAS & MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR	PG&E Resources Company
ADDRESS	6688 N. Central Expressway, Suite 1000 Dallas, Texas 75206-3922

Well name and number: Federal No. 14-34B

Field or Unit name: Wells Draw Waterflood Unit Lease no. U-47171

Well location: 00 SW section 34 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for:

Enhanced Recovery?	. . Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Disposal?	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>
Storage?	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____
API number: 43-013-31225

Proposed injection interval: from 4964' to 6088'

Proposed maximum injection: rate 300-400 BPD pressure 2000 psig

Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Plat, electric log section, wellbore diagram, offset well data, and offset operators.

I certify that this report is true and complete to the best of my knowledge.

Name Cindy R. Keister
Title Sr. Regulatory Analyst
Phone No. (214) 706-3640

Signature Linda D. Zeisler
Date 11/17/93

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

November 22, 1993

RECEIVED

NOV 23 1993

DIVISION OF
OIL, GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Underground Injection Control Section
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. Gil Hunt

RE: Application for Water Injection
Wells Draw Waterflood Unit
Duchesne County, Utah

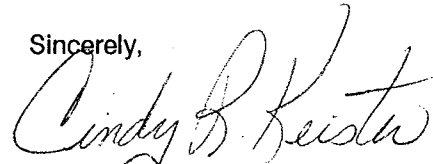
Dear Mr. Hunt:

PG&E Resources Company respectfully requests approval to convert the following wells into water injection wells in conjunction with PG&E's Proposed Wells Draw Unit, Docket No. 93-039, Cause No. 231-1:

Federal 41-5G	Federal 32-5G
Federal 14-33B	Federal 43-33B
Federal 34-33B	Federal 21-4G
Federal 14-34B	

The enclosed application has been prepared in accordance with R615-5-1 and R615-5-2 and is being submitted for your review and approval. If you have any questions or need additional information, please contact the undersigned at (214) 706-3640 or Jim LaFevers at (214) 750-3988.

Sincerely,



Cindy R. Keister
Sr. Regulatory Analyst

Enclosures

cc: S. Gilbert
J. LaFevers
Central File
Regulatory File

UIC FORM 1

PLAT

WELLBORE DIAGRAMS

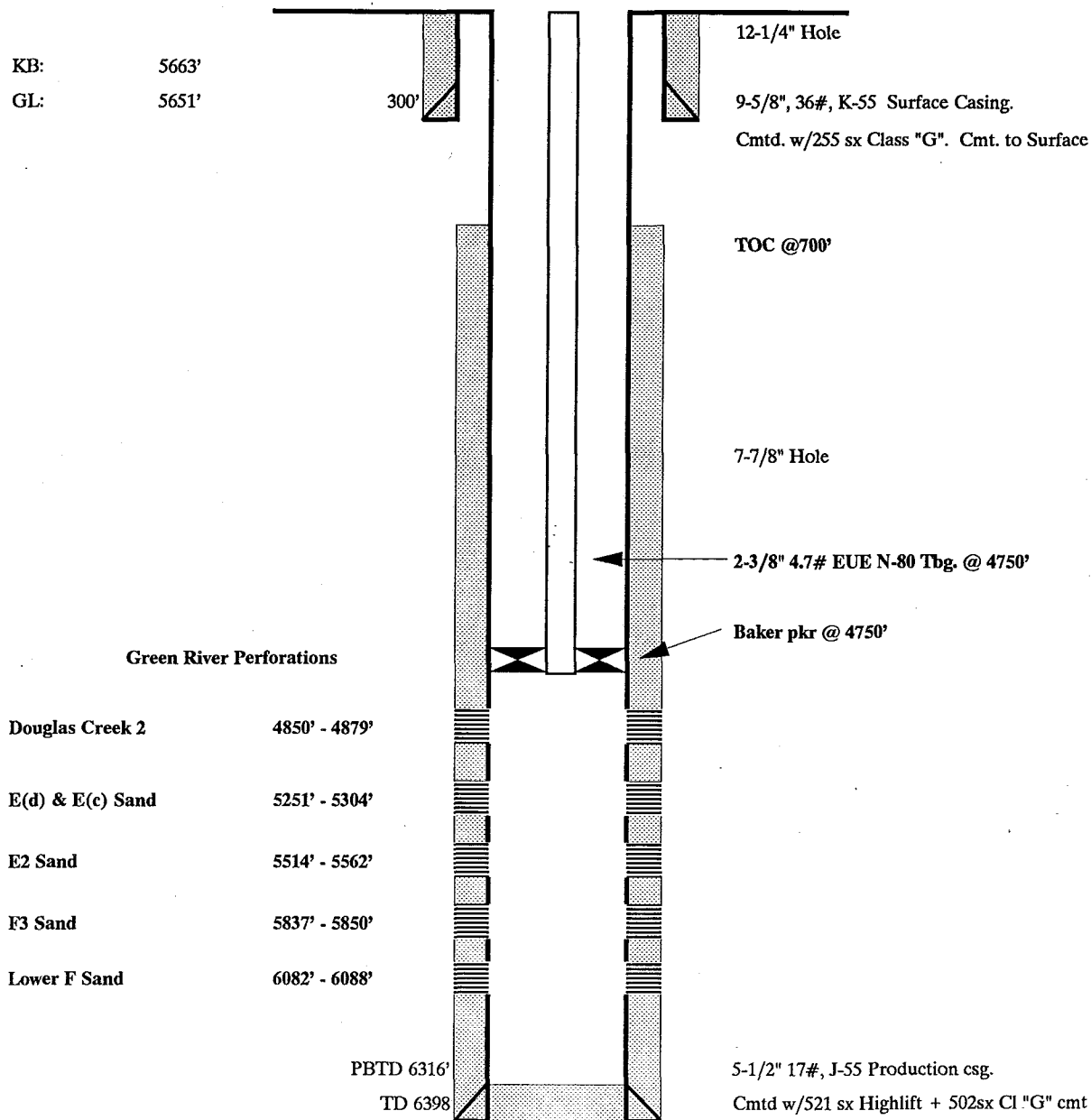
FEDERAL 14-33B

WELLS DRAW UNIT
Duchesne County, Utah
PROPOSED WIW

Spud: 6/7/89
TD Date: 7/15/89
Compl. Date: 9/4/89

Sec 33, T-8S-R16E
SW/4 SW/4

KB: 5663'
GL: 5651'



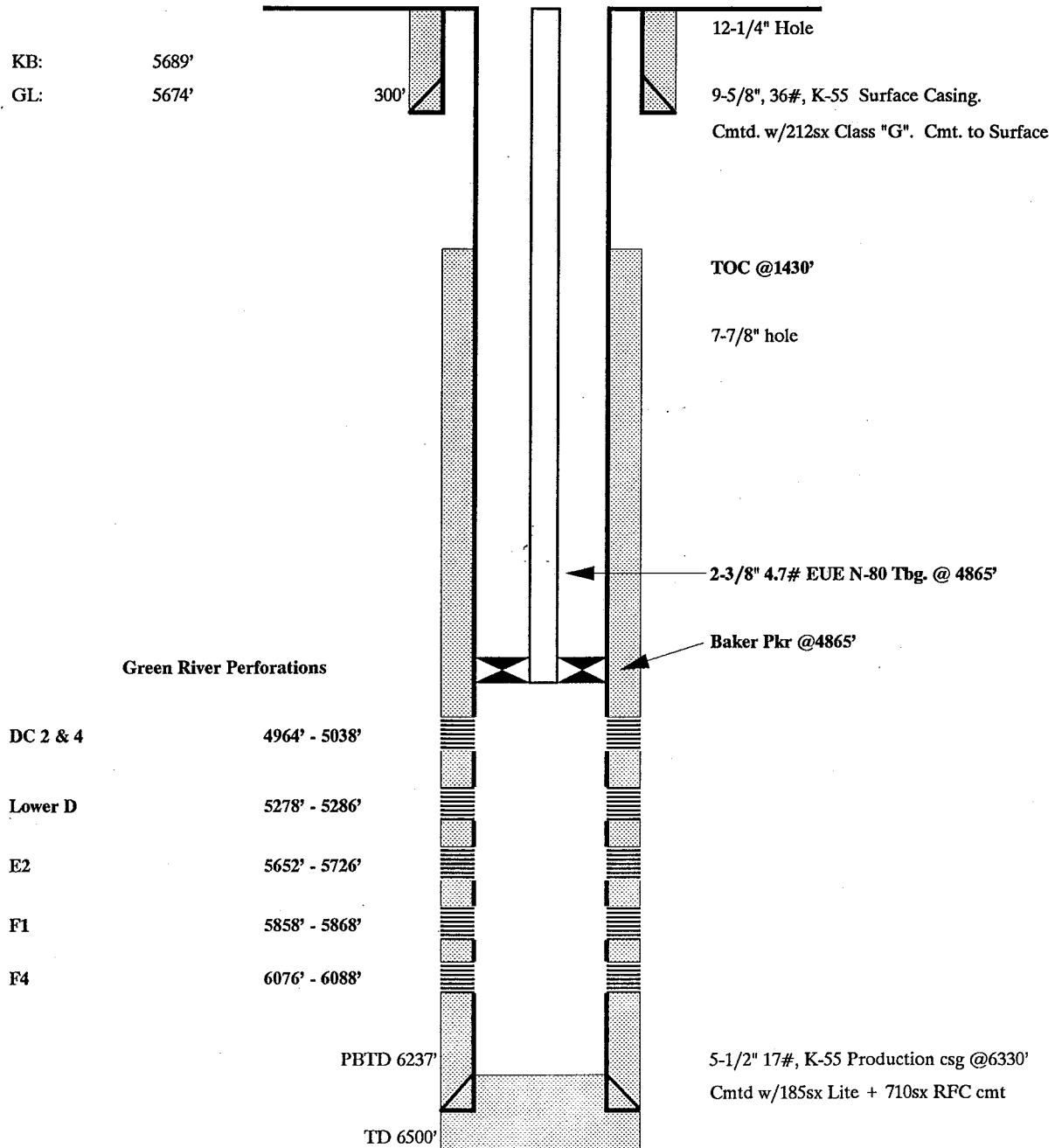
FEDERAL 14-34B

WELLS DRAW UNIT
Duchesne County, Utah
PROPOSED WIW

Spud: 5/7/89
TD Date: 5/20/89
Compl. Date: 6/24/89

Sec 34, T-8S-R16E
SW/4 SW/4

KB: 5689'
GL: 5674'



FEDERAL 21-4G

WELLS DRAW UNIT

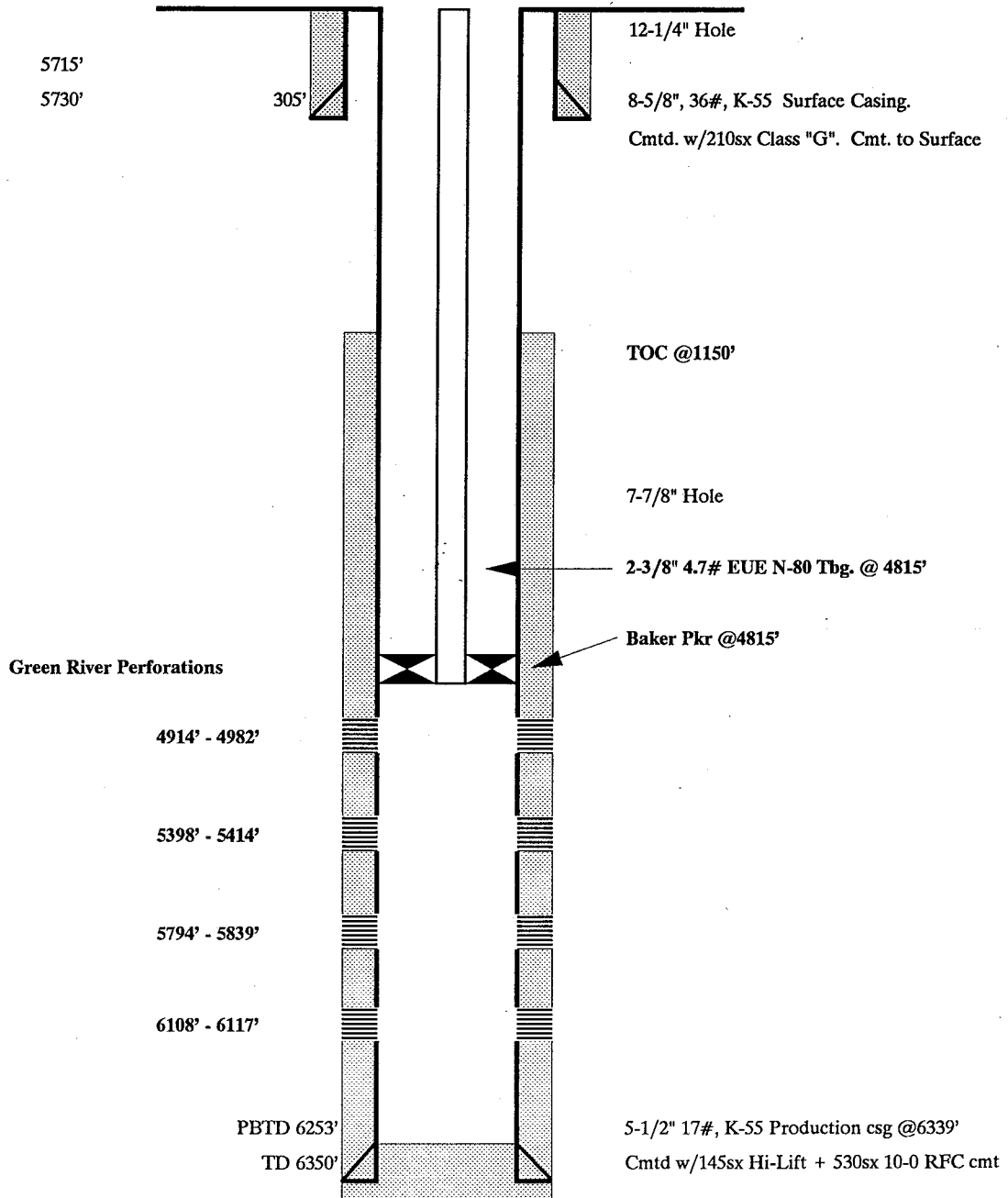
Duchesne County, Utah

PROPOSED WIW

Spud: 6/2/90
TD Date: 6/15/90
Compl. Date: 8/18/90

Sec 4, T-9S-R16E
NE/4 NW/4

KB: 5715'
GL: 5730'



FEDERAL 32-5G

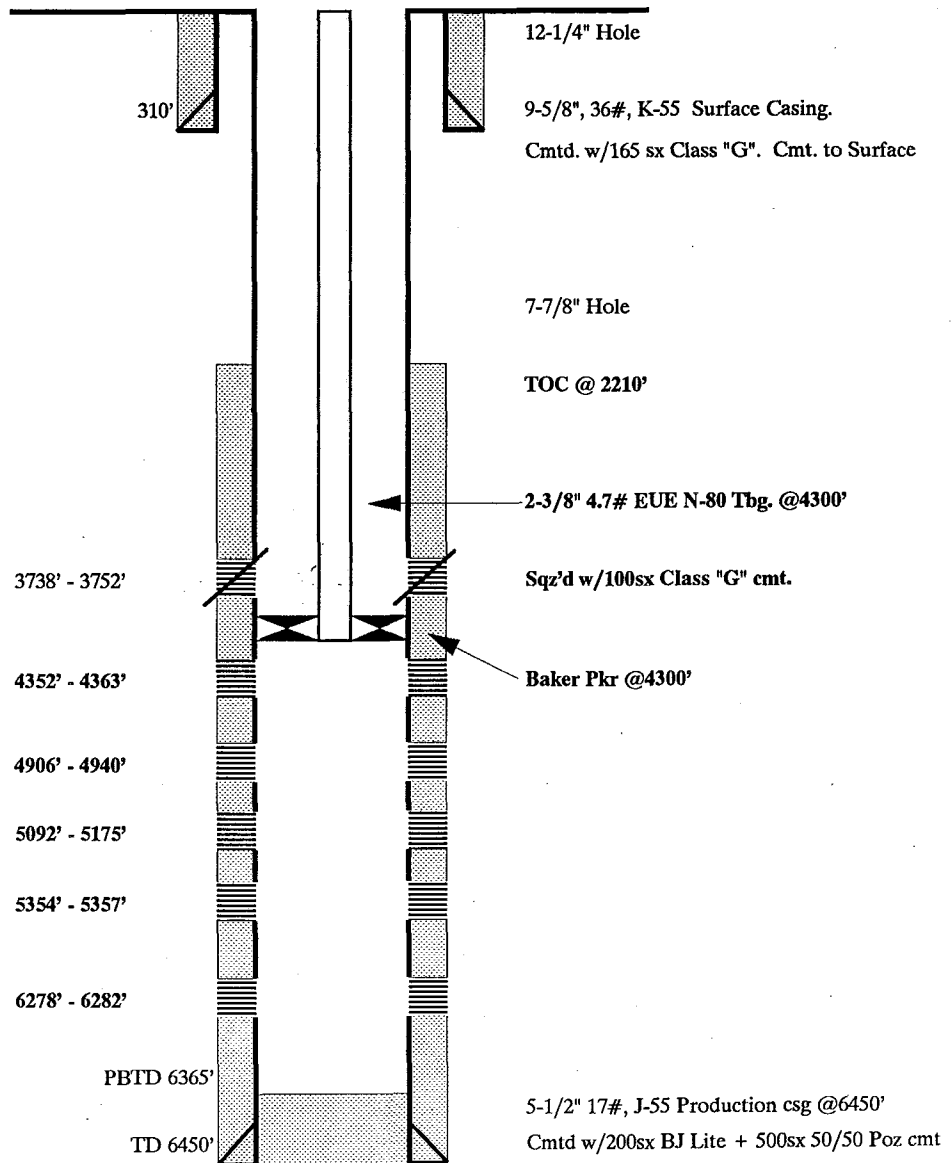
WELLS DRAW UNIT
Duchesne County, Utah
PROPOSED WIW

Spud: 7/19/82
TD Date: 7/30/82
Compl. Date: 11/14/82

Sec 5, T-9S-R16E
SW/4 NE/4

KB: 5823'
GL: 5809'

Green River



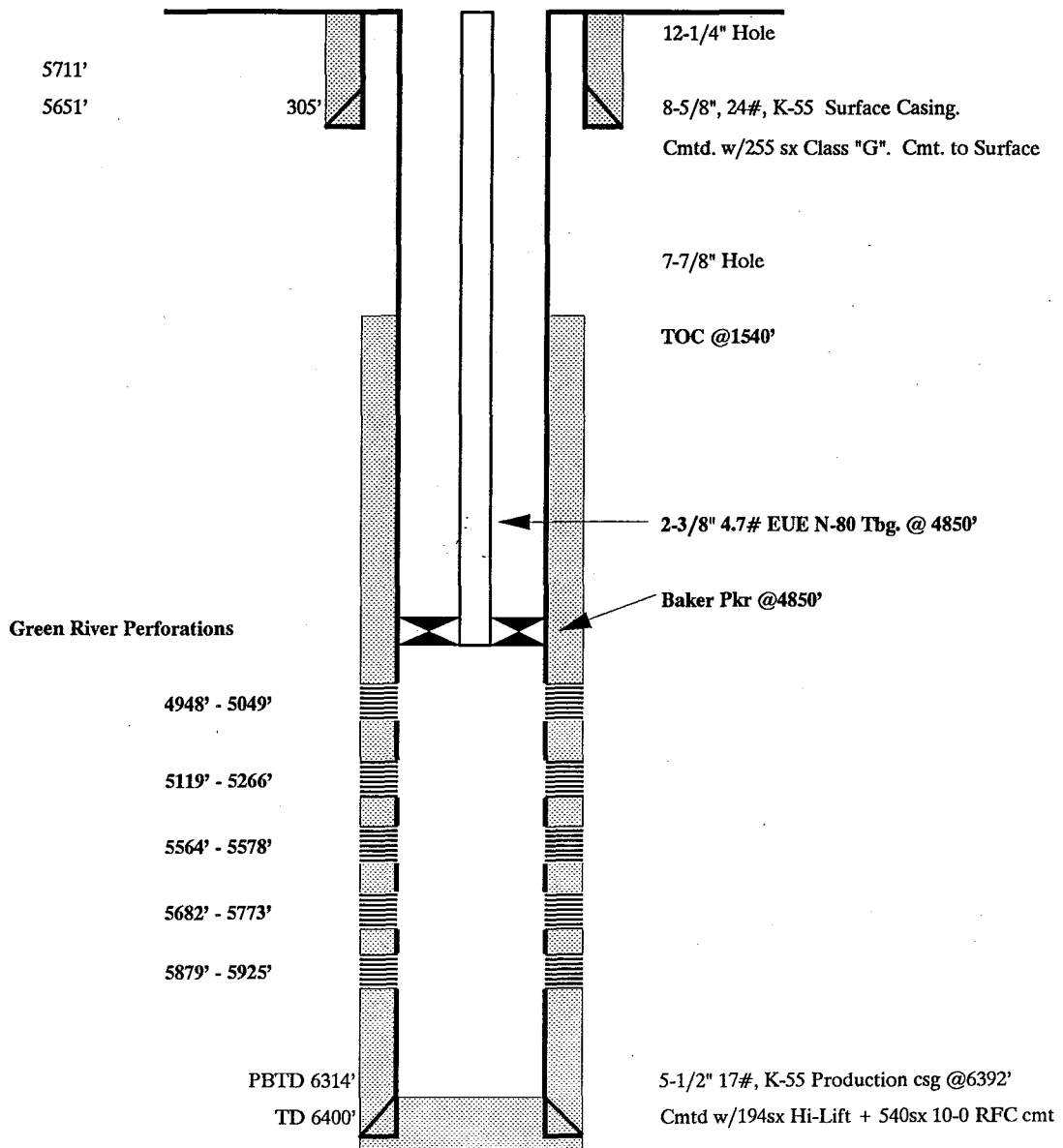
FEDERAL 34-33B

WELLS DRAW UNIT
Duchesne County, Utah
PROPOSED WIW

Spud: 4/24/90
TD Date: 5/6/90
Compl. Date: 6/19/90

Sec 33, T-8S-R16E
SW/4 SE/4

KB: 5711'
GL: 5651'



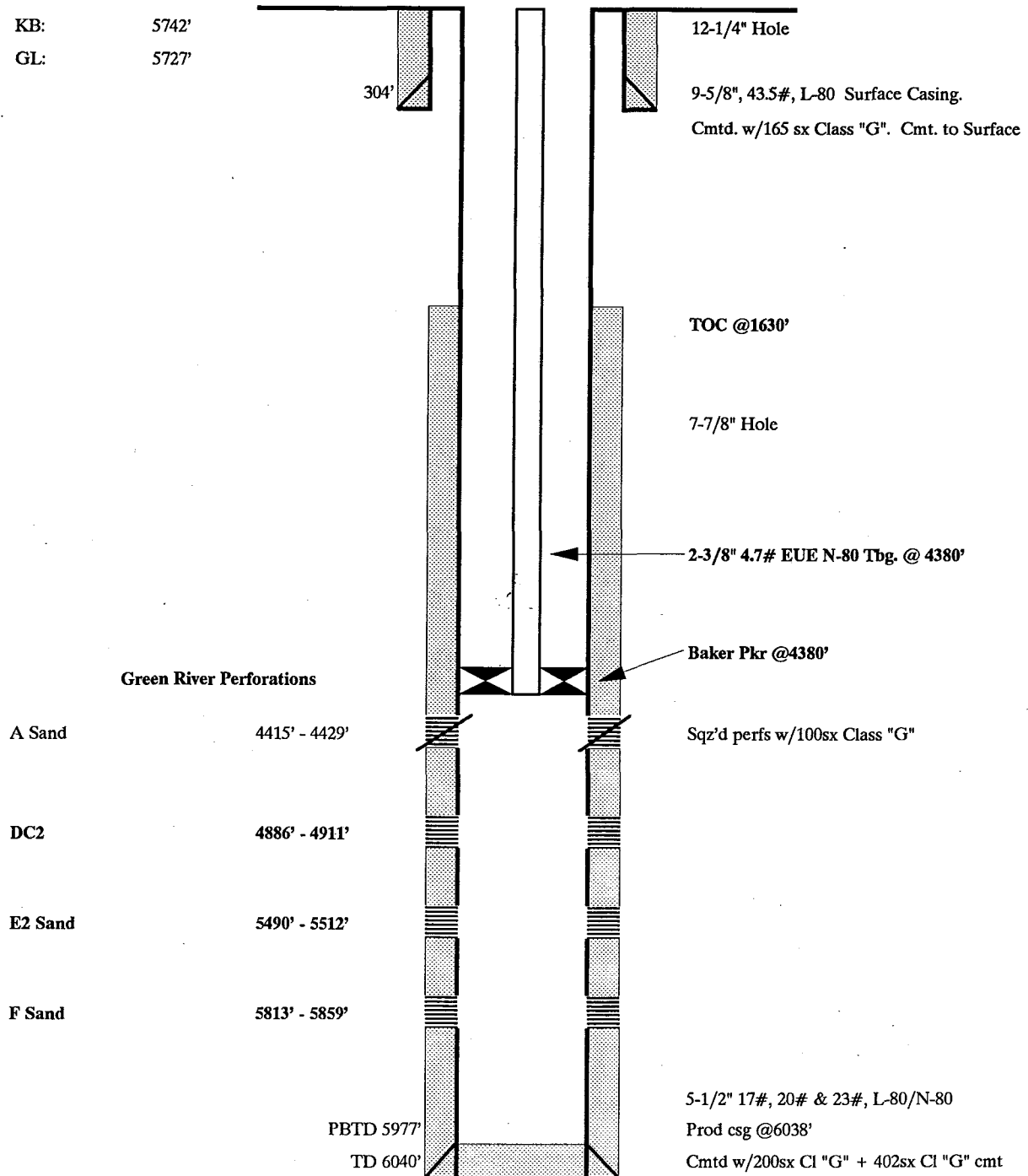
FEDERAL 41-5G

WELLS DRAW UNIT
Duchesne County, Utah
PROPOSED WIW

Spud: 3/24/88
TD Date: 4/1/88
Compl. Date: 4/27/88

Sec. 5, T9S-R16E
NE/4 SW/4

KB: 5742'
GL: 5727'



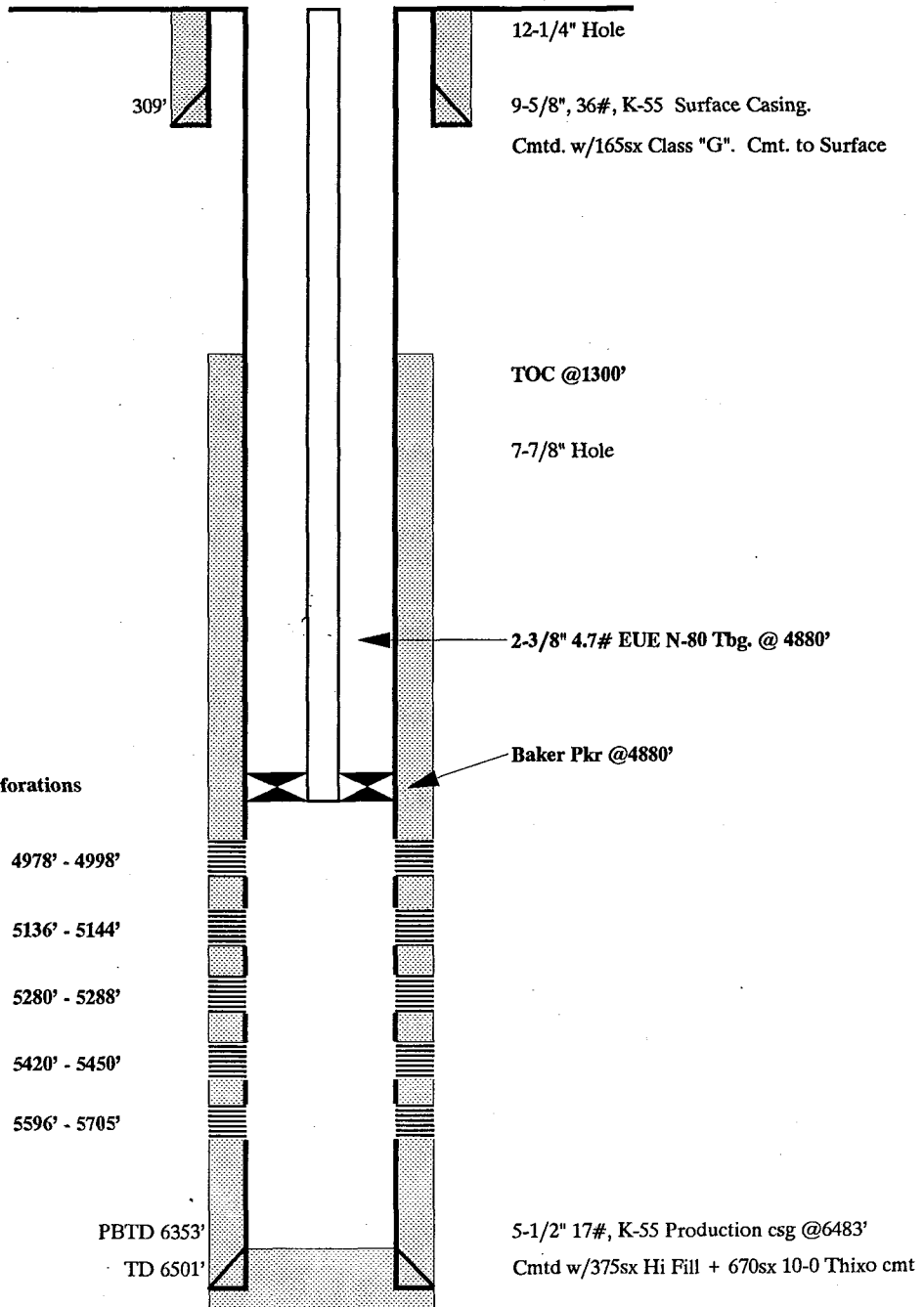
FEDERAL 43-33B

WELLS DRAW UNIT
Duchesne County, Utah
PROPOSED WIW

Spud: 9/5/89
TD Date: 9/17/89
Compl. Date: 11/7/89

Sec 33, T-8S-R16E
NE/4 SE/4

KB: 5686'
GL: 5701'



**WELLS DRAW WATERFLOOD UNIT
DUCHENESE COUNTY, UT
INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS**

A. ELECTRIC LOGS

A copy of the marked injection interval is attached for your convenience. The electric logs have been submitted and are on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

B. CEMENT BOND LOGS

The Cement Bond Logs have been submitted and are currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

C. CASING PROGRAM/TESTING PROCEDURES

The casing program for each of the seven (7) wells is reflected on the attached individual wellbore diagrams. Before injection begins, the casing outside the tubing shall be tested to 1000 psi as required in R615-5-5.

D. INJECTION FLUID

Initially produced water from the E₂ and DC₃ sands of the Green River formation from wells operated by Lomax will be injected. Water samples are being taken and a water analysis and compability statement will be furnished. When the waterflood is in full operation, produced water from PG&E's Wells Draw Unit Wells will be used for injection. Annual injection rates will be determined by a step-rate test, but the initial injection rate will be 300-400 BWPD per well at an injection pressure somewhat below 2000 psi.

E. FRESH WATER PROTECTION

The frac gradients for the field average to be 0.84 psig/ft. The maximum injection pressures will be kept below this gradient.

F. GEOLOGY

The Wells Draw Unit is adjacent and similar to the Monument Butte Green River "D" Unit in that it produces from the same Green River sands with similar pay thicknesses and production characteristics. By far the majority of production is from the DC₂ and E₂ sands but there are several non-continuous porous intervals in the "A", "B", "D" and other Green River sand groups.

Oil is stratigraphically trapped in lenticular, fine grained quartz sandstone fluvial deposits intersecting the edge of a lacustrine environment. These sandstones are associated with multicolored shales and carbonates of a lacustrine nature. The Wells Draw area is located on a structural monocline dipping one to two degrees to the Northeast. Reservoir thickness and distribution are basically similar as you go from Monument Butte into Wells Draw. The two fields contain the same hydrocarbons and similar water saturations. The water in which these reservoirs were deposited was fresh to brackish.

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 2

G. OFFSET WELL MECHANICAL CONDITION (1/2 MILE RADIUS)

OFFSET WELL - FEDERAL 11-4G (Section 4, T9S-R16E NW/NW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	J-55	J-55
Setting Depth	289'	6453'
Amount of Cement	165sx	317sx + 595sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	3300' ✓
Date Set	12/24/89	01/20/90
PBTD		6311'

OFFSET WELL - FEDERAL 12-4G (Section 4, T9S-R16E SW/NW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	32#	15.5#
Grade	J-55	J-55 & K-55
Setting Depth	305'	6409'
Amount of Cement	215sx	285sx + 682sx
Type of Cement	B. J. "L"	B. J. Lite + B.J. Lite 50/50 Poz
Top of Cement	Surface	2500' ✓
Date Set	04/05/83	04/19/83
PBTD		6217'

OFFSET WELL - FEDERAL 13-34B (Section 34, T8S-R16E NW/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	307'	6470'
Amount of Cement	210sx	165sx + 530sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	1080' ✓
Date Set	05/31/90	06/10/90
PBTD		6390'

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 3

OFFSET WELL - FEDERAL 21-5G (Section 5, T9S-R16E NE/NW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	32#	15.5#
Grade	J-55	J-55
Setting Depth	311'	6500'
Amount of Cement	215sx	338sx + 863sx
Type of Cement	Class "G"	B. J. Lite + 50/50 Poz
Top of Cement	Surface	2500' ✓
Date Set	03/26/83	04/07/83
PBTD		6270'

OFFSET WELL - FEDERAL 22-5G (Section 5, T9S-R16E SE/NW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	J-55
Setting Depth	311'	6259'
Amount of Cement	210sx	160sx + 450sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	1610' ✓
Date Set	05/29/90	06/24/90
PBTD		6184'

OFFSET WELL - FEDERAL 23-5G (Section 5, T9S-R16E NE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	53.5#	17#
Grade	L-80	K-55/N-80
Setting Depth	300'	6000'
Amount of Cement	165sx	195sx + 445sx
Type of Cement	Class "G"	Class "G"
Top of Cement	Surface	1190' ✓
Date Set	07/20/88	08/06/88
PBTD		5911'

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 4

OFFSET WELL - FEDERAL 23-33B (Section 33, T8S-R16E NE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	300'	6402'
Amount of Cement	165sx	300sx + 575sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	3300' ✓
Date Set	12/21/89	01/07/90
PBTD		6308'

OFFSET WELL - FEDERAL 23-34B (Section 34, T8S-R16E NE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	J-55	J-55
Setting Depth	301'	6550'
Amount of Cement	165sx	320sx + 585sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	1740' ✓
Date Set	12/03/89	12/22/89
PBTD		6445'

OFFSET WELL - FEDERAL 24-33B (Section 33, T8S-R16E SE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	47# & 53.5#	17#
Grade	L-80/N-80	K-55/N-80
Setting Depth	310'	6410'
Amount of Cement	165sx	125sx + 500sx
Type of Cement	Class "G"	Silica Lite + Class "G"
Top of Cement	Surface	2405' ✓
Date Set	08/18/88	08/31/88
PBTD		6329'

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 5

OFFSET WELL - FEDERAL 31-4G (Section 4, T9S-R16E NW/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	J-55
Setting Depth	300'	5603'
Amount of Cement	165sx	260sx + 580sx
Type of Cement	Class "G"	Hi-Lift + Class "G"
Top of Cement	Surface	2300'
Date Set	05/21/89	05/12/89
PBTD		5603'

OFFSET WELL - FEDERAL 31-5G (Section 5, T9S-R16E NW/NE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	332'	6388'
Amount of Cement	225sx	318sx + 535sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	2200'
Date Set	01/20/90	02/03/90
PBTD		6255'

OFFSET WELL - FEDERAL 33-33B (Section 33, T8S-R16E NW/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	301'	6400'
Amount of Cement	225sx	155sx + 520sx
Type of Cement	Class "G"	Howco Lite + 10-0 RFC
Top of Cement	Surface	2050' ✓
Date Set	05/04/90	06/03/90
PBTD		6315'

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 6

OFFSET WELL - FEDERAL 42-4 (Section 4, T9S-R16E SE/NE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	N-80
Setting Depth	300'	6483'
Amount of Cement	165sx	720sx
Type of Cement	Class "G"	Class "G"
Top of Cement	Surface	2406'
Date Set	03/22/82	04/04/82
PBTD		6404'

OFFSET WELL - FEDERAL 44-33B (Section 33, T8S-R16E SE/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	300'	6385'
Amount of Cement	225sx	240sx + 715sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	2650' ✓
Date Set	04/29/90	05/26/90
PBTD		6279'

OFFSET WELL - FEDERAL 43-5 (Section 5, T9S-R16E NE/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade		
Setting Depth	240'	6025'
Amount of Cement	190sx	190sx + 385sx
Type of Cement	Class "G"	Lite + Thixotropic
Top of Cement	Surface	750' ✓
Date Set	01/84	1984
PBTD		5980'

WELLS DRAW WATERFLOOD UNIT
INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
PAGE 7

H. AFFIDAVIT OF NOTIFICATION

To whom it may concern:

Copies of the UIC Form 1 application for the wells listed below have been mailed to the following on November 19, 1993:

Federal 41-5G
Federal 14-33B
Federal 43-33B
Federal 21-4G

Federal 32-5G
Federal 34-33B
Federal 14-34B

OFFSET OPERATORS:

Chevron USA, Inc.
P. O. Box 1635
Houston, TX 77251

Equitable Resources Energy Co.
Balcron Oil Division
P. O. Box 21017
Billings, MT 59104

James Fishgrund
9777 Wilshire Blvd., #818
Beverly Hills, CA 90202

Interline Resources Company
175 West 200 South, Suite 2004
Salt Lake City, UT 84001

Lomax Exploration Company
13405 NW Freeway, #310
Houston, TX 77040

Lee R. Martin
1645 Court Place
Denver, CO 80202

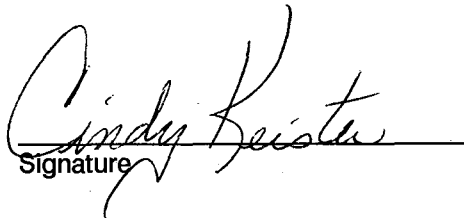
Maybelle, Inc.
P. O. Box 3595
Midland, TX 79702

WELLS DRAW WATERFLOOD UNIT
INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
PAGE 8

AFFIDAVIT OF NOTIFICATION (Continued)

SURFACE OWNERS:

Bureau of Land Management
170 South 500 East
Vernal, UT 84078


Signature

Cindy Keister

Name

(214) 706-3640

Telephone

Sr. Regulatory Analyst

Title

November 22, 1993

Date

PG&E Resources Company

6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3822
Telephone 214/750-3800
FAX 214/750-3883

November 30, 1993

State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
Underground Injection Control Section
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. Dan Jarvis

RE: Application for Water Injection
Wells Draw Waterflood Unit
Duchesne County, Utah

Dear Mr. Jarvis:

In reference to our telephone conversation on November 29, 1993, this letter represents the second addendum to the referenced UIC application dated November 22, 1993. We have researched our records and have determined that the frac gradient should be .82 psi/ft. in the Green River formation based on the following data:

1. Green River Wells - operated by PG&E Resources
 - a. ISIP 2300 psi
 - b. ISIP 2800 psi
 - c. ISIP 1722 psi
 - d. ISIP 1700 psi
2. Average ISIP 2131 psi
3. Frac Gradient:

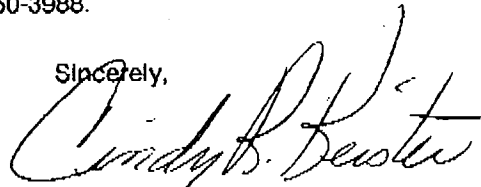
ISIP = 2131 psi

HHD = 5500' x .432 psi/ft. = 2382 psi

Frac Gradient = $\frac{2131\# + 2382\#}{5500'}$ = .82 psi/ft.

If you have any questions or need additional information, please contact the undersigned at (214) 706-3640 or Jim LaFevers at (214) 750-3988.

Sincerely,



Cindy R. Kelster
Sr. Regulatory Analyst

cc: S. Gilbert
J. LaFevers
Central File
Regulatory File



**Jetco
Chemicals,
Inc.**

A Procter & Gamble Co.

P.O. BOX 1898

OFFICE: 214/872-3011

CORSICANA, TEXAS 75110

PLANT: 214/874-3706

(U.S.): 800/527-2510

TWX: 910/860-5100

(TX.) 800/442-6261

WATER ANALYSIS REPORT

COMPANY NGC ADDRESS Vernal, Utah DATE 10-21-88

SOURCE 41-5G (Treater) DATE SAMPLED 10-20-88 ANALYSIS NO. _____

Analysis

Mg/l (ppm)

*Meq/l

1. pH	<u>8.2</u>		
2. H ₂ S (Qualitative)	<u>.5</u>		
3. Specific Gravity	<u>1.016</u>		
4. Dissolved Solids	<u>24,348</u>		
5. Suspended Solids			
6. Anaerobic Bacterial Count	<u>CI</u>	<u>C/MI</u>	
7. (Phenolphthalein) Alkalinity (CO ₃)			
8. (Methyl Orange) Alkalinity (HCO ₃)	<u>600</u>		
9. Bicarbonate (HCO ₃)	HCO ₃ <u>732</u>	+61	12 HCO ₃
10. Sulfates (SO ₄)	SO ₄ <u>0</u>	+48	0 Cl
11. Chlorides (Cl)	Cl <u>14,160</u>	+35.5	399 SO ₄
12. Calcium (Ca)	Ca <u>2</u>	+20	0 Ca
13. Magnesium (Mg)	Mg <u>1</u>	+12.2	0 Mg
14. Total Hardness (CaCO ₃)	<u>11</u>		
15. Total Iron (Fe)	<u>.7</u>		
16. Barium (Ba)			
17. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00	12			1,008
Na SO ₄	71.03	0			0
Na Cl	58.46	399			23,326

Saturation Values	Distilled Water 20°C
Ca CO ₃	13Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS OIL ANALYSIS: Spec. Gravity = .8867 / API @ 60°F = 22.5 / Pour Point = 87°F



A Procter & Gamble Co.

P.O. BOX 1898
CORSICANA, TX. 75151OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216PLANT:
TEL: 214/874-9500
FAX: 214/874-9596**WATER ANALYSIS REPORT**COMPANY P.G. & E. ADDRESS Vernal, UT. DATE: 10-31-90SOURCE 34-33 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis

Mg/l (ppm)

*Meq/l

1. PH	<u>7.7</u>		
2. H ₂ S (Qualitative)	<u>4.5</u>		
3. Specific Gravity	<u>1.015</u>		
4. Dissolved Solids		<u>9,559</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			C/Ml
7. Methyl Orange Alkalinity (CaCO ₃)			
8. Bicarbonate (HCO ₃)		HCO ₃ <u>220</u>	+61 <u>4</u> HCO ₃
9. Chlorides (Cl)		Cl <u>5,529</u>	+35.5 <u>156</u> Cl
10. Sulfates (SO ₄)		SO ₄ <u>100</u>	+48 <u>2</u> SO ₄
11. Calcium (Ca)		Ca <u>64</u>	+20 <u>3</u> Ca
12. Magnesium (Mg)		Mg <u>12</u>	+12.2 <u>1</u> Mg
13. Total Hardness (CaCO ₃)		<u>220</u>	
14. Total Iron (Fe)		<u>.4</u>	
15. Barium (Qualitative)			
16. Phosphate Residuals			

*MMH equivalents per liter

PROBABLE MINERAL COMPOSITION

3	Ca	←	HCO ₃	4
1	Mg	→	SO ₄	2
158	Na	→	Cl	156

Saturation Values**Distilled Water 20°C**

Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

Compound	Eqv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		3		243
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		1		73
Mg SO ₄	60.19				
Mg Cl ₂	47.52				
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03		2		142
Na Cl	58.46		156		9,120

REMARKS _____



**Jeico
Chemicals,
Inc.**

A Procter & Gamble Co.

P.O. BOX 1898

OFFICE: 214/872-3011

CORSICANA, TEXAS 75110

PLANT: 214/874-3706

(U.S.): 800/527-2510

TWX: 910/860-5100

(TX) 800/442-6261

WATER ANALYSIS REPORT

COMPANY N.G.C. Corp. ADDRESS Vernal, UT 84078 DATE 1-22-88

SOURCE 32-5G DATE SAMPLED 1-20-88 ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. pH	8.8	
2. H ₂ S (Qualitative)	0	
3. Specific Gravity	1.007	
4. Dissolved Solids	13,932	
5. Suspended Solids		
6. Anaerobic Bacterial Count	C/MI	
7. (Phenolphthalein) Alkalinity (CO ₃)		
8. (Methyl Orange) Alkalinity (HCO ₃)	350	
9. Bicarbonate (HCO ₃)	427	+61 7 HCO ₃
10. Sulfates (SO ₄)	0	+48 0 Cl
11. Chlorides (Cl)	8,142	+35.5 229 SO ₄
12. Calcium (Ca)	2	+20 0 Ca
13. Magnesium (Mg)	71	+12.2 6 Mg
14. Total Hardness (CaCO ₃)	300	
15. Total Iron (Fe)	12	
16. Barium (Ba)		
17. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		6		439
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		1		84
Na SO ₄	71.03		0		
Na Cl	58.46		229		13,387

Saturation Values

Ca CO₃

Ca SO₄ · 2H₂O

Mg CO₃

Distilled Water 20°C

13Mg/l

2,090 Mg/l

103 Mg/l

REMARKS _____



A Procter & Gamble Co.

P.O. BOX 1898
CORSICANA, TX. 75151OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

WATER ANALYSIS REPORT

COMPANY P.C. & E. ADDRESS Vernal, UT. DATE: 10-31-90SOURCE 21-4 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis

Mg/l (ppm)

Meq/l

1. PH	<u>8.0</u>		
2. H ₂ S (Qualitative)	<u>.5</u>		
3. Specific Gravity	<u>1.014</u>		
4. Dissolved Solids		<u>9,618</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			C/MI
7. Methyl Orange Alkalinity (CaCO ₃)			
8. Bicarbonate (HCO ₃)		HCO ₃ <u>207</u>	+61 <u>3</u> HCO ₃
9. Chlorides (Cl)		Cl <u>5,529</u>	+35.5 <u>156</u> Cl
10. Sulfates (SO ₄)		SO ₄ <u>150</u>	+48 <u>3</u> SO ₄
11. Calcium (Ca)		Ca <u>24</u>	+20 <u>1</u> Ca
12. Magnesium (Mg)		Mg <u>5</u>	+12.2 <u>0</u> Mg
13. Total Hardness (CaCO ₃)		<u>80</u>	
14. Total Iron (Fe)		<u>2.6</u>	
15. Barium (Qualitative)			
16. Phosphate Residuals			

*Meq/l equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	←	HCO ₃	3
0	Mg	←	SO ₄	3
161	Na	←	Cl	156

Saturation Values

Distilled Water 20°C

Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

Compound	Eqv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>1</u>		<u>81</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.52				
Na HCO ₃	84.00		<u>2</u>		<u>168</u>
Na ₂ SO ₄	71.03		<u>3</u>		<u>243</u>
Na Cl	58.46		<u>156</u>		<u>9,120</u>

REMARKS _____



P.O. BOX 1532

ROOSEVELT, UTAH 84066

OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

COMPANY P G & E ADDRESS _____ DATE 12-01-89

SOURCE 14-34B DATE SAMPLED 11-30-89 ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L	
1. pH	6.4		
2. H ₂ S (Qualitative)	0		
3. Specific Gravity	1.076		
4. Dissolved Solids	110,035		
5. Suspended Solids			
6. Anaerobic Bacterial Count	CI		C/MI
7. (Methyl Orange) Alkalinity (HCO ₃)	380		
8. Bicarbonate (HCO ₃)	464	+61	8 HCO ₃
9. Chlorides (Cl)	66,552	+35.5	1875 Cl
10. Sulfates (SO ₄)	0	+48	0 SO ₄
11. Calcium (Ca)	920	+20	46 Ca
12. Magnesium (Mg)	170	+12.2	14 Mg
13. Total Hardness (CaCO ₃)	3000		
14. Total Iron (Fe)	120		
15. Barium (Ba)			
16. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

46	Ca	←	HCO ₃	8		Compound	Equiv. Wt.	X	Meq/L	=	Mg/L
14	Mg	←	SO ₄	0		Ca (HCO ₃) ₂	81.04		8		648
1823	Na	←	Cl	1875		Ca SO ₄	68.07				
		←				Ca Cl ₂	55.50		38		2109
		←				Mg (HCO ₃) ₂	73.17				
		←				Mg SO ₄	60.19				
		←				Mg Cl ₂	47.62		14		667
		←				Na HCO ₃	84.00				
		←				Na SO ₄	71.03				
		←				Na Cl	58.46		1823		106,573

Saturation Values

Distilled Water 20°C

Ca CO₃

13 Mg/L

Ca SO₄ · 2H₂O

2,090 Mg/L

Mg CO₃

103 Mg/L

REMARKS Resistivity = .14 Ohms / meter

ELECTRIC LOG SECTIONS

November 24, 1993

State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
Underground Injection Control Section
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

NOV 29 1993

Attention: Mr. Dan Jarvis

RE: Application for Water Injection
Wells Draw Waterflood Unit
Duchesne County, Utah

Dear Mr. Jarvis:

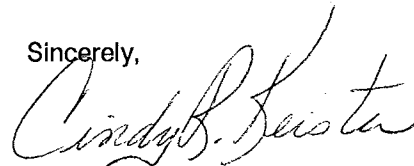
In reference to your telephone conversation with Jim LaFevers and myself on November 23, 1993, this letter represents an addendum to the referenced UIC application dated November 22, 1993.

1. Initially the water used for injection will be purchased from Balcron whose source is Johnson Water Company. When the waterflood is in full operation, produced water from PG&E's Wells Draw Unit Wells will be used for injection along with water purchased from Balcron.
2. Water samples will be taken and a water analysis along with a comparability analysis will be furnished.
3. Frac Gradient:

ISIP = 1200 psi
HHD = 5500' x .433 psi/ft. = 2382 psi
Frac Gradient = $\frac{1200\# + 2382\#}{5500'} = .65 \text{ psi/ft.}$
4. Electric log section on Federal 41-5G has been faxed to your office from our field office in Vernal, Utah this date.

If you have any questions or need additional information, please contact the undersigned at (214) 706-3640 or Jim LaFevers at (214) 750-3988.

Sincerely,



Cindy R. Keister
Sr. Regulatory Analyst

cc: S. Gilbert
J. LaFevers
Central File
Regulatory File

November 30, 1993

State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
Underground Injection Control Section
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. Dan Jarvis

RE: Application for Water Injection
Wells Draw Waterflood Unit
Duchesne County, Utah

Dear Mr. Jarvis:

In reference to our telephone conversation on November 29, 1993, this letter represents the second addendum to the referenced UIC application dated November 22, 1993. We have researched our records and have determined that the frac gradient should be .82 psi/ft. in the Green River formation based on the following data:

1. Green River Wells - operated by PG&E Resources

- a. ISIP 2300 psi
- b. ISIP 2800 psi
- c. ISIP 1722 psi
- d. ISIP 1700 psi

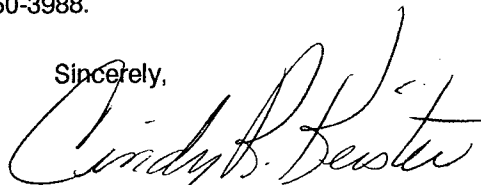
2. Average ISIP 2131 psi

3. Frac Gradient:

$$\begin{aligned}\text{ISIP} &= 2131 \text{ psi} \\ \text{HHD} &= 5500' \times .432 \text{ psi/ft.} = 2382 \text{ psi} \\ \text{Frac Gradient} &= \frac{2131\# + 2382\#}{5500'} = .82 \text{ psi/ft.}\end{aligned}$$

If you have any questions or need additional information, please contact the undersigned at (214) 706-3640 or Jim LaFevers at (214) 750-3988.

Sincerely,



Cindy R. Keister
Sr. Regulatory Analyst

cc: S. Gilbert
J. LaFevers
Central File
Regulatory File



A Procter & Gamble Co.

REGISTERED

DEC 02 1993

P.O. BOX 1898
CORSICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

DIVISION OF
OIL, GAS & MINING

WATER ANALYSIS REPORT

COMPANY P.G. & E. ADDRESS Vernal, UT. DATE: 10-31-90
SOURCE 21-4 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis

Mg/l (ppm)

*Meq/l

1. PH	<u>8.0</u>		
2. H ₂ S (Qualitative)	<u>.5</u>		
3. Specific Gravity	<u>1.014</u>		
4. Dissolved Solids		<u>9,618</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			C/MI
7. Methyl Orange Alkalinity (CaCO ₃)			
8. Bicarbonate (HCO ₃)		HCO ₃ <u>207</u> <u>÷61</u> <u>3</u> HCO ₃	
9. Chlorides (Cl)		Cl <u>5,529</u> <u>÷35.5</u> <u>156</u> Cl	
10. Sulfates (SO ₄)		SO ₄ <u>150</u> <u>÷48</u> <u>3</u> SO ₄	
11. Calcium (Ca)		Ca <u>24</u> <u>÷20</u> <u>1</u> Ca	
12. Magnesium (Mg)		Mg <u>5</u> <u>÷12.2</u> <u>0</u> Mg	
13. Total Hardness (CaCO ₃)		<u>80</u>	
14. Total Iron (Fe)		<u>2.6</u>	
15. Barium (Qualitative)			
16. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	←	HCO ₃	3
0	Mg	→	SO ₄	3
161	Na	→	Cl	156

Saturation Values

Distilled Water 20°C

CaCO₃

13 Mg/l

Ca SO₄ · 2H₂O

2,090 Mg/l

Mg CO₃

103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>1</u>		<u>81</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>2</u>		<u>168</u>
Na ₂ SO ₄	71.03		<u>3</u>		<u>243</u>
Na Cl	58.46		<u>156</u>		<u>9,120</u>

REMARKS



**Jitco
Chemicals,
Inc.**

DEC 02 1993

DIVISION OF

A Procter & Gamble Co.

P.O. BOX 1898
OIL, GAS & CHEMICALS

OFFICE: 214/872-3011

CORSICANA, TEXAS 75110

PLANT: 214/874-3706

(U.S.): 800/527-2510

TWX: 910/860-5100

(TX.) 800/442-6261

WATER ANALYSIS REPORT

COMPANY N.G.C. Corp. ADDRESS Vernal, UT 84078 DATE: 1-22-88

SOURCE 32-5G DATE SAMPLED 1-20-88 ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. pH	<u>8.8</u>	
2. H ₂ S (Qualitative)	<u>0</u>	
3. Specific Gravity	<u>1.007</u>	
4. Dissolved Solids	<u>13,932</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count		<u>C/MI</u>
7. (Phenolphthalein) Alkalinity (CO ₃)		
8. (Methyl Orange) Alkalinity (HCO ₃)	<u>350</u>	
9. Bicarbonate (HCO ₃)	HCO ₃ <u>427</u>	+61 <u>7</u> HCO ₃
10. Sulfates (SO ₄)	SO ₄ <u>0</u>	+48 <u>0</u> Cl
11. Chlorides (Cl)	Cl <u>8,142</u>	+35.5 <u>229</u> SO ₄
12. Calcium (Ca)	Ca <u>2</u>	+20 <u>0</u> Ca
13. Magnesium (Mg)	Mg <u>71</u>	+12.2 <u>6</u> Mg
14. Total Hardness (CaCO ₃)	<u>300</u>	
15. Total Iron (Fe)	<u>12</u>	
16. Barium (Ba)		
17. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		<u>6</u>		<u>439</u>
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>1</u>		<u>84</u>
Na SO ₄	71.03		<u>0</u>		
Na Cl	58.46		<u>229</u>		<u>13,387</u>

Saturation Values	Distilled Water 20°C
Ca CO ₃	13Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____



A Procter & Gamble Co.

RECEIVED

DEC 02 1993

P.O. BOX 1898
CORSICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

DIVISION OF
OIL, GAS & MINING

WATER ANALYSIS REPORT

COMPANY P.G. & E. ADDRESS Vernal, UT. DATE: 10-31-90
SOURCE 34-33 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis

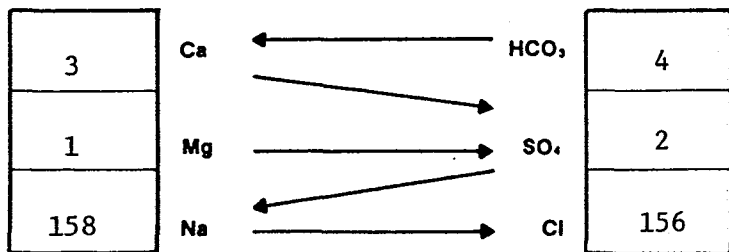
Mg/l (ppm)

*Meq/l

1. PH	<u>7.7</u>		
2. H ₂ S (Qualitative)	<u>4.5</u>		
3. Specific Gravity	<u>1.015</u>		
4. Dissolved Solids	<u>9,559</u>		
5. Suspended Solids			
6. Anaerobic Bacterial Count		C/MI	
7. Methyl Orange Alkalinity (CaCO ₃)			
8. Bicarbonate (HCO ₃)	HCO ₃ <u>220</u>	÷61	<u>4</u> HCO ₃
9. Chlorides (Cl)	Cl <u>5,529</u>	÷35.5	<u>156</u> Cl
10. Sulfates (SO ₄)	SO ₄ <u>100</u>	÷48	<u>2</u> SO ₄
11. Calcium (Ca)	Ca <u>64</u>	÷20	<u>3</u> Ca
12. Magnesium (Mg)	Mg <u>12</u>	÷12.2	<u>1</u> Mg
13. Total Hardness (CaCO ₃)	<u>220</u>		
14. Total Iron (Fe)	<u>.4</u>		
15. Barium (Qualitative)			
16. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values

Distilled Water 20°C

CaCO₃ 13 Mg/l
Ca SO₄ · 2H₂O 2,090 Mg/l
Mg CO₃ 103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>3</u>		<u>243</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		<u>1</u>		<u>73</u>
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03		<u>2</u>		<u>142</u>
Na Cl	58.46		<u>156</u>		<u>9,120</u>

REMARKS _____



**Jetco
Chemicals,
Inc.**

DEC 02 1993

DIVISION OF

A Procter & Gamble Co.

OIL, GAS & MINERAL

P.O. BOX 1898

CORSICANA, TEXAS 75110

PLANT: 214/874-3706

(U.S.): 800/527-2510

TWX: 910/860-5100

(TX) 800/442-6261

WATER ANALYSIS REPORT

COMPANY NGC ADDRESS Vernal, Utah DATE: 10-21-88

SOURCE 41-5G (Treater) DATE SAMPLED 10-20-88 ANALYSIS NO. _____

Analysis

Mg/l (ppm)

*Meq/l

1. pH	<u>8.2</u>		
2. H ₂ S (Qualitative)	<u>.5</u>		
3. Specific Gravity	<u>1.016</u>		
4. Dissolved Solids	<u>24,348</u>		
5. Suspended Solids			
6. Anaerobic Bacterial Count	<u>CI</u>	<u>C/MI</u>	
7. (Phenolphthalein) Alkalinity (CO ₃)			
8. (Methyl Orange) Alkalinity (HCO ₃)	<u>600</u>		
9. Bicarbonate (HCO ₃)	HCO ₃ <u>732</u>	+61 <u>12</u>	HCO ₃
10. Sulfates (SO ₄)	SO ₄ <u>0</u>	+48 <u>0</u>	Cl
11. Chlorides (Cl)	Cl <u>14,160</u>	+35.5 <u>399</u>	SO ₄
12. Calcium (Ca)	Ca <u>2</u>	+20 <u>0</u>	Ca
13. Magnesium (Mg)	Mg <u>1</u>	+12.2 <u>0</u>	Mg
14. Total Hardness (CaCO ₃)	<u>11</u>		
15. Total Iron (Fe)	<u>.7</u>		
16. Barium (Ba)			
17. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

0	Ca	←	HCO ₃	12
0	Mg	→	SO ₄	0
411	Na	←	Cl	399

Saturation Values

Ca CO₃

13Mg/l

Ca SO₄ · 2H₂O

2,090 Mg/l

Mg CO₃

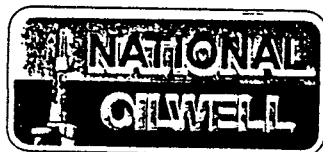
103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00	12			1,008
Na SO ₄	71.03	0			0
Na Cl	58.46	399			23,326

REMARKS OIL ANALYSIS: Spec. Gravity = .8867 / API @ 60°F = 22.5 / Pour Point = 87°F

RECEIVED

DEC 02 1993



P.O. BOX 1532

ROOSEVELT, UTAH 84066

OFFICE: (801) 722-3693

DIVISION OF
OIL, GAS & MINING

WATER ANALYSIS REPORT

COMPANY P G & E ADDRESS _____ DATE: 12-01-89

SOURCE 14-34B DATE SAMPLED 11-30-89 ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH <u>6.4</u>		
2. H ₂ S (Qualitative) <u>0</u>		
3. Specific Gravity <u>1.076</u>		
4. Dissolved Solids <u>110,035</u>		
5. Suspended Solids _____		
6. Anaerobic Bacterial Count <u>CI</u> C/MI		
7. (Methyl Orange) Alkalinty (HCO ₃) <u>380</u>		
8. Bicarbonate (HCO ₃) <u>464</u>	HCO ₃ <u>464</u>	+61 <u>8</u> HCO ₃
9. Chlorides (Cl) <u>66,552</u>	Cl <u>66,552</u>	+35.5 <u>1875</u> Cl
10. Sulfates (SO ₄) <u>0</u>	SO ₄ <u>0</u>	+48 <u>0</u> SO ₄
11. Calcium (Ca) <u>920</u>	Ca <u>920</u>	+20 <u>46</u> Ca
12. Magnesium (Mg) <u>170</u>	Mg <u>170</u>	+12.2 <u>14</u> Mg
13. Total Hardness (CaCO ₃) <u>3000</u>		
14. Total Iron (Fe) <u>120</u>		
15. Barium (Ba) _____		
16. Phosphate Residuals _____		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/L	=	Mg/L
Ca (HCO ₃) ₂	81.04	8			648
Ca SO ₄	68.07				
Ca Cl ₂	55.50	38			2109
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62	14			667
Na HCO ₃	84.00				
Na SO ₄	71.03				
Na Cl	58.46	1823			106,573

Saturation Values

Ca CO₃

Ca SO₄ · 2H₂O

Mg CO₃

Distilled Water 20°C

13 Mg/L

2,090 Mg/L

103 Mg/L

REMARKS Resistivity = .14 Ohms / meter



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 2, 1993

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-141

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 2, 1993

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-141

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

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James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 31, 1994

PG & E Resources Company
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

Re: Wells Draw Unit 41-5G, 14-33B, 34-33B, 14-34B, 32-5G, 43-33B, and 21-4G
Wells, Sections 33 & 34, Township 8 South, Range 16 East, and Sections 4 &
5, Township 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the completed applications submitted.

Following completion of all well conversion work, pressure testing operations and submittal of the results to the Division; a final UIC permit will be issued. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,


R.J. Firth
Associate Director

ldc

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management

W602



AFFIDAVIT OF PUBLICATION

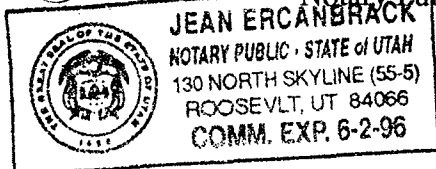
County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the
PUBLISHER of the Uintah Basin Standard, a weekly
newspaper of general circulation, published at
Roosevelt, State and County aforesaid, and that a certain
notice, a true copy of which is hereto attached, was
published in the full issue of such newspaper
for 1 consecutive issues, and that the first
publication was on the 14 day of Dec,
1993, and that the last publication of such notice was
in the issue of such newspaper dated the 14 day
of Dec, 1993.

Subscribed and sworn to before me this

17 day of Dec, 1993

Jean Ercanbrack



NOTICE OF AGENCY ACTION

CAUSE NO. UIC-141
IN THE MATTER OF
THE APPLICATION OF
PG & E RESOURCES
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL OF THE FED-
ERAL 41-5G, FEDERAL
14-33B, FEDERAL 34-
33B, FEDERAL 14-34B,
FEDERAL 32-5G, FED-
ERAL 43-33B, & FED-
ERAL 21-4G WELLS
LOCATED IN SEC-
TIONS 33 & 34, TOWN-
SHIP 8 SOUTH, RANGE
16 EAST, AND SEC-
TIONS 4 & 5, TOWN-
SHIP 9 SOUTH, RANGE
16 EAST, S.L.M.,
DUCHESE COUNTY,
UTAH, AS CLASS II IN-
JECTION WELLS.
THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED IN
THE ABOVE EN-
TITLED MATTER.

Notice is hereby given
that the Division is com-
mencing an informal ad-
judicative proceeding to
consider the application
of PG & E Resources
Company for administra-
tive approval of the Fed-
eral 41-5G, Federal 14-
33B, Federal 34-33B,
Federal 14-34B, Federal
32-5G, Federal 43-33B,
and Federal 21-4G Wells,
located in Sections 33 &
34, Township 8 South,
Range 16 East, and Sec-
tions 4 & 5, Township 9
South, Range 16 East,
Duchesne County, Utah,
for conversion to Class II
injection wells. The pro-
ceeding will be conducted
in accordance with Utah
Admin. R.649-10, Ad-
ministrative Procedures.

DEC 22 1993
DIVISION OF
OIL, GAS & MINING

Approval has been
requested to inject water
for the purpose of water
flooding in the interval
from 4352 feet to 5282
feet (Green River For-
mation). The average in-
jection pressure is esti-
mated to be 2000 psig or
less with a maximum re-
quested injection pressure
of 2145 psig. The esti-
mated injection volume
will be approximately
400 barrels of water per
day.
Any person desiring
to object to the applica-
tion or otherwise inter-
vene in the proceeding,
must file a written pro-
test or notice of interven-
tion with the Division
within fifteen days of the
date of publication of this
notice. If such a protest
or notice of intervention
is received, a hearing may
be scheduled before the
Board of Oil, Gas and
Mining. Protestants and/
or intervenors should be
prepared to demonstrate
at the hearing how this
matter affects their inter-
ests.
Dated this 1st day of
December, 1993
STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING, R.J.
Firth, Associate Director,
Oil and Gas
Published in the Uintah
Basin December 14, 1993

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11 1994

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

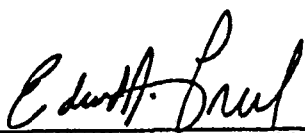
State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.




Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

**PG&E Resources Offshore Company
a Delaware corporation**

INTO

**PG&E Resources Company
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co.".

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

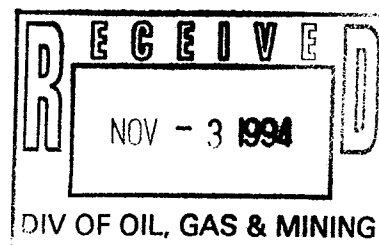
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script, reading "John R. Wingert".

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: PG&E RESOURCES COMPANY

LEASE: U-47171

WELL NAME: FEDERAL 14-34-B

API: 43-013-31225

SEC/TWP/RNG: 34 08.0 S 16.0 E

CONTRACTOR:

COUNTY: DUCHESNE

FIELD NAME: MONUMENT BUTTE

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN - / TA -:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- SAFETY
- OTHER			

ABANDONED:

- MARKER	- HOUSEKEEPING	- REHAB	- OTHER
----------	----------------	---------	---------

PRODUCTION:

Y WELL SIGN	Y HOUSEKEEPING	Y EQUIPMENT *	Y FACILITIES *
Y METERING *	Y POLLUTION CNTL	Y PITS	Y DISPOSAL
Y SECURITY	Y SAFETY	- OTHER	

GAS DISPOSITION:

- VENTED/FLARED	Y SOLD	Y LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

LOCATION, WELLHEAD, PIT & PIT TANK, HEATER TREATER, PUMPJACK, METER, 1-PROPANE TANK, 2-400 BBL OIL STORAGE TANKS,

REMARKS:

POW,

ACTION:

INSPECTOR: MICHAEL HEBERTSON

DATE: 01/28/92

INSPECTOR: JL INS DATE: 910319 COMMENT : Y
REVIEWED : NEX INSP: 920319 REASON: 03 : OPERATING REVIEW

OPERATOR : N0595 : PG&E RESOURCES COMPANY LEASE: U-47171
WELL NAME: FEDERAL 14-34-B API : 43-013-31225
S: 34 T: 8.0 S R: 16.0 E CONTRACTOR :
COUNTY : DUCHESNE FIELD: 105 : MONUMENT BUTTE

DRILLING/COMPLETION/WORKOVER:
APD WELL SIGN HOUSEKEEPING ROPE
SAFETY POLLTN CNTL SURFACE USE PITS
OPERATIONS OTHER
SHUT-IN / TA :
WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY
OTHER
ABANDONED:
MARKER HOUSEKEEPING REHABILITATION OTHER
PRODUCTION:
Y WELL SIGN Y HOUSEKEEPING Y EQUIPMENT* Y FACILITIES
Y METERING* Y POLLTN CNTL Y PITS Y DISPOSAL
Y SECURITY Y SAFETY OTHER
GAS DISPOSITION:
VENTED/FLARED Y SOLD Y LEASE USE

PF KEYS: (RETURN) NEXT (9) WELL DATA (10) COMMENTS (16) EXIT PROGRAM

OIL AND GAS INSPECTION COMMENTS

PAGE 2

WELL NAME: FEDERAL 14-34-B API: 43-013-31225
INSPECTOR: JL DATE: 910319 REVIEWED: NEXT INSP: 920319

*FACILITIES INSPECTED:

LOCATION, WELLHEAD, SHED, PIT, TREATER, PUMP JACK, TANKS-(2-400 OS, 1-100 BBL
WATER, 1- PROPANE), METER AND LINE HEATER.

REMARKS:

POW--AJAX ENGINE WITH CENTRIFIGAL PUMP CIRCULATING SYSTEM. STORAGE SHED ON LOC.
WITH 500 GAL. STORAGE TANK.

ACTION:

PF KEYS: (RETURN) NEXT

(10) CHECK LIST (16) EXIT PROGRAM

NOFICHE

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

1994

DIV OF OIL, GAS & MINING

Well name and number: Federal #14-34B

Field or Unit name: Monument Butte Field API no. 43-013-31225

Well location: QQ SW SW section 34 township 8S range 16E county Duchesne

Effective Date of Transfer: 10/1/94

CURRENT OPERATOR

Transfer approved by:

Name Jim Johnson

Company PG&E Resources Company

Signature Jim Johnson

Address 6688 N. Central Expwy, Suite 1000

Title Regulatory Analyst

Dallas, Texas 75206-3922

Date November 30, 1994

Phone (214) 706-3678

Comments: PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. effective 10/1/94.

NEW OPERATOR

Transfer approved by:

Name Jim Johnson

Company DALEN Resources Oil & Gas Co.

Signature Jim Johnson

Address 6688 N. Central Expwy, Suite 1000

Title Regulatory Analyst

Dallas, Texas 75206-3922

Date November 30, 1994

Phone (214) 706-3678

Comments:

(State use only)

Transfer approved by [Signature]

Title Environ. Manager

Approval Date 12-6-94

Commission Letter 1/31/94

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co.	:	
6688 N. Central Expwy., #1000	:	Oil and Gas
Dallas, Texas 75206	:	U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denver
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To	LISHA CARDONA	From
Co.	STATE OF UTAH	Co.
Dept.	OIL & GAS	Phone #
Fax #	359-3940	Fax #
		539-4260

CMerritt:dab 11/25/94 (U01470A)

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A *Confirmed BLM/SL
11-29-94. Jee

UTAH WELLS

OCT 11 1994

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ Govt. Fowler #20-1	NW/4 NW/4	20-9S-17E	Duchesne	U-13905	43-013-30563
✓ Federal #19-1	NW/4 NW/4	19-9S-17E	Duchesne	U-13905	43-013-30587
✓ Federal #41-30-H	NE/4 NE/4	30-9S-17E	Duchesne	U-11385	43-013-30601
✓ Federal #21-15-H	NE/4 NW/4	15-9S-17E	Duchesne	U-11385	43-013-30614
✓ State #11-16 (PA'd 5/90)	NW/4 NW/4	16-9S-17E	Duchesne	ML-21844	43-013-30616
✓ Federal #42-4	SE/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-30638
✓ Federal #13-9-H	NW/4 SW/4	9-9S-17E	Duchesne	U-37810	43-013-30656
✓ Federal #32-5-G	SW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-30670
✓ Federal #31-8-H	NW/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30679
✓ Federal #12-8-H	SW/4 NW/4	8-9S-17E	Duchesne	U-10760	43-013-30680
✓ Federal #24-15-H	SE/4 SW/4	15-9S-17E	Duchesne	U-10760	43-013-30681
✓ Federal #24-9-H	SE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-30682
✓ Federal #21-5-G	NE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-30698
✓ Federal #12-4-G	SW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-30699
✓ NGC #41-8-H	NE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30741
✓ Federal #42-8-H (PA'd 5/90)	SE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30678
✓ NGC #11-9-H	NW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30887
✓ Federal #12-9-H	SW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30983
✓ Federal #22-9-H	SE/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-31049
✓ Federal #41-5-G	NE/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31205
✓ Federal #23-9-H	NE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-31206
✓ Federal #23-5-G	NE/4 SW/4	5-9S-16E	Duchesne	U-30096	43-013-31207
✓ Federal #24-33-B	SE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31214
✓ Federal #14-34-B	SW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31225
✓ Federal #31-4-G	NW/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-31228
✓ Federal #14-33-B	SW/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31229
✓ Federal #43-33-B	NE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31240
✓ Federal #23-34-B	NE/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31241
✓ Federal #11-4-G	NW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31250

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 3 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
 PG&E RESOURCES COMPANY
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595REPORT PERIOD (MONTH/YEAR): 8 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FEDERAL 41-5-G								
4301331205	10859	09S 16E 5	GRRV			✓ 1130096	(wells draw GRRV Unit)	
✓ FEDERAL 23-9-H								
4301331206	10868	09S 17E 9	GRRV			✓ 1150750		
✓ FEDERAL 24-33-B								
4301331214	10913	08S 16E 33	GRRV			✓ 1149092	(wells draw GRRV Unit)	
✓ FEDERAL 31-4-G								
4301331228	10979	09S 16E 4	GRRV			✓ 1130096	(wells draw GRRV Unit)	
✓ FEDERAL 23-34-B								
4301331225	10980	08S 16E 34	GRRV			✓ 1147171	(wells draw GRRV Unit)	
✓ FEDERAL 14-33-B								
4301331229	10988	08S 16E 33	GRRV			✓ 1149092	(wells draw GRRV Unit)	
✓ FEDERAL 43-33-B								
4301331240	11007	08S 16E 33	GRRV			✓ "	(wells draw GRRV Unit)	
✓ FEDERAL 23-34-B								
4301331241	11041	08S 16E 34	GRRV			✓ 1147171	(wells draw GRRV Unit)	
✓ FEDERAL 11-4-G								
4301331250	11046	09S 16E 4	GRRV			✓ 1130096	(wells draw GRRV Unit)	
✓ FEDERAL 23-33-B								
4301331251	11047	08S 16E 33	GRRV			✓ 1149092	(wells draw GRRV Unit)	
✓ FEDERAL 31-5-G								
4301331252	11054	09S 16E 5	GRRV			✓ 1130096	(wells draw GRRV Unit)	
✓ FEDERAL 34-33-B								
4301331269	11079	08S 16E 33	GRRV			✓ 1149092	(wells draw GRRV Unit)	
✓ FEDERAL 44-33-B								
4301331270	11084	08S 16E 33	GRRV			✓ "	(wells draw GRRV Unit)	
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

OCT 5 1994

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT--for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (Specify) <u>WIW</u>		6. Lease Designation and Serial Number U-47171
2. Name of Operator DALEN Resources Oil & Gas Co.		7. Indian Allottee or Tribe Name NA
3. Address of Operator 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206		8. Unit or Communization Agreement Wells Draw Unit
4. Telephone Number (214) 750-3800		9. Well Name and Number Federal 14-34B
5. Location of Well Footage : 660' FWL & 660' FSL SW/4 SW/4 QQ. Sec. T., R., M. : Section 34, T8S-R16E		10. API Well Number 43-013-31225
County : Duchesne State : UTAH		11. Field and Pool, or Wildcat Monument Butte

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p style="text-align: center;">SUBSEQUENT REPORT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Test</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Test casing</u></td> <td></td> </tr> </table> <p>Date of Work Completion <u>10/31/94</u></p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Test casing</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Test casing</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

DALEN Resources tested the casing to 1500 psi on 10/31/94 as shown on the attached report.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cindy R. Keister Title Supervisor Regulatory Compliance Date 11/30/1994

(State Use Only)

CC: BLM - Vernal

WELL HISTORY

Federal 14-34B
Wells Draw Field
Duschene County, Utah
(DALEN Resources Operated)

- 10-29-94 MIRU Pump 15 bbl hot wtr down flowline, release pump & pump 25 bbl hot wtr down tbg. POOH with rods & pump. Release anchor, pull tbg flange, install BOPE.
- 10-30-94 Release anchor, POOH with 2-7/8" prod tbg, LD 5836' tbg. RIH with 2-3/8" notched collar, Miller 5½" Sur-Lock 2 pkr, 1 jt 2-7/8" IC tbg, 2-7/8" x 2¼" seating nip (with standing valve in place) on 2-7/8" tbg. Pull BOPE, set pkr at 4905' with 15,000 lbs tension, SDFN.
- 10-31-4 Fill annulus w/75 bbls wtr w/additives & 10 gal diesel. Pressure test pkr & casing to 1500 psi for 15 min. OK. Fill tbg w/wtr & pressure test tbg to 3000 psi for 15 min. OK. RIH w/overshot on sandline & retrived standing valve.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:	
1-SEC/GIL	✓
2-LWP 7-PL	✓
3-DT 28-SJ	✓
4-VLC 9-FILE	✓
5-RJF	✓
6-LWP	✓

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-94)

TO (new operator) **DALEN RESOURCES OIL & GAS CO.** FROM (former operator) **PG&E RESOURCES COMPANY**
(address) **6688 N CENTRAL EXP STE 1000** (address) **6688 N CENTRAL EXP STE 1000**
DALLAS TX 75206-3922 **DALLAS TX 75206-3922**

phone (214) 750-3800
account no. N3300 (11-29-94)

phone (214) 750-3800
account no. N0595

Well(s) (attach additional page if needed):

***WELLS DRAW (GRRV) UNIT**
***WEST WILLOW CREEK UNIT**

Name: **SEE ATTACHED**	API: <u>013-31225</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-3-94)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-3-94)
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) If yes, show company file number: #FN001519. "Dalen Resources Corp." eff. 6-15-94.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-29-94)
- Sup 6. Cardex file has been updated for each well listed above. 12-7-94
- Sup 7. Well file labels have been updated for each well listed above. 12-8-94
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-29-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety U1870145/80,000. "Rider to Daken" rec'd 10-3-94.

*Trust Land/Ed "Rider" Appr. 10-5-94 # U2164274/80,000.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. Upon compl. of routing.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) ____.
- N/A Today's date ____ 19____. If yes, division response was made by letter dated ____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated ____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DD 2. Copies of documents have been sent to State Lands for changes involving State leases. 12/8/94 to Ed Bonn

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: December 15 1994.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941108 Bbm/s.Y. Not Appr. yet!

941125 " Appr. 'd.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-47171

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
Wells Draw Unit

8. FARM OR LEASE NAME
Federal

9. WELL NO.
14-34-B

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 34, T8S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other WIW

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other

2. NAME OF OPERATOR

DALEN Resources Oil & Gas Co.

3. ADDRESS OF OPERATOR

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)*

At surface 660' FSL & 660' FWL SW/4 SW/4 Sec. 34

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.
43-013-31225

DATE ISSUED
12/20/88

15. DATE SPUDDED
05/07/89

16. DATE T.D. REACHED
05/20/89

17. DATE COMPL. (Ready to prod.)
10/31/94

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5711' RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6500'

21. PLUG, BACK T.D., MD & TVD
6237'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
→

ROTARY TOOLS

CABLE TOOLS

XX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

4964' - 6088' (Green River Injection Interval)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/SFL/SP/GR/FDC/CNL/GR/CAL/CBL/GR

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	300'	12-1/4"	215sx Class "G" w/additives	0
5-1/2"	17#	6330'	7-7/8"	185sx Lite w/additives + 710sx 10-0 RFC	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4905'	4905'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4964' - 5038' 6078' - 6088'
5278' - 5286' 4 SPF
5652' - 5726'
5858' - 5868'

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
							Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
			→					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cathy R. Luster TITLE Supervisor Regulatory Compliance DATE 01/10/1995

*(See Instructions and Spaces For Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River		4298'
				"A"		4540'
				"B"		4980'
				DC-2		5038'
				DC-4		5286'
				Lower "D"		5726'
				E2		5868'
				F1		6088'
				Lower "F"		

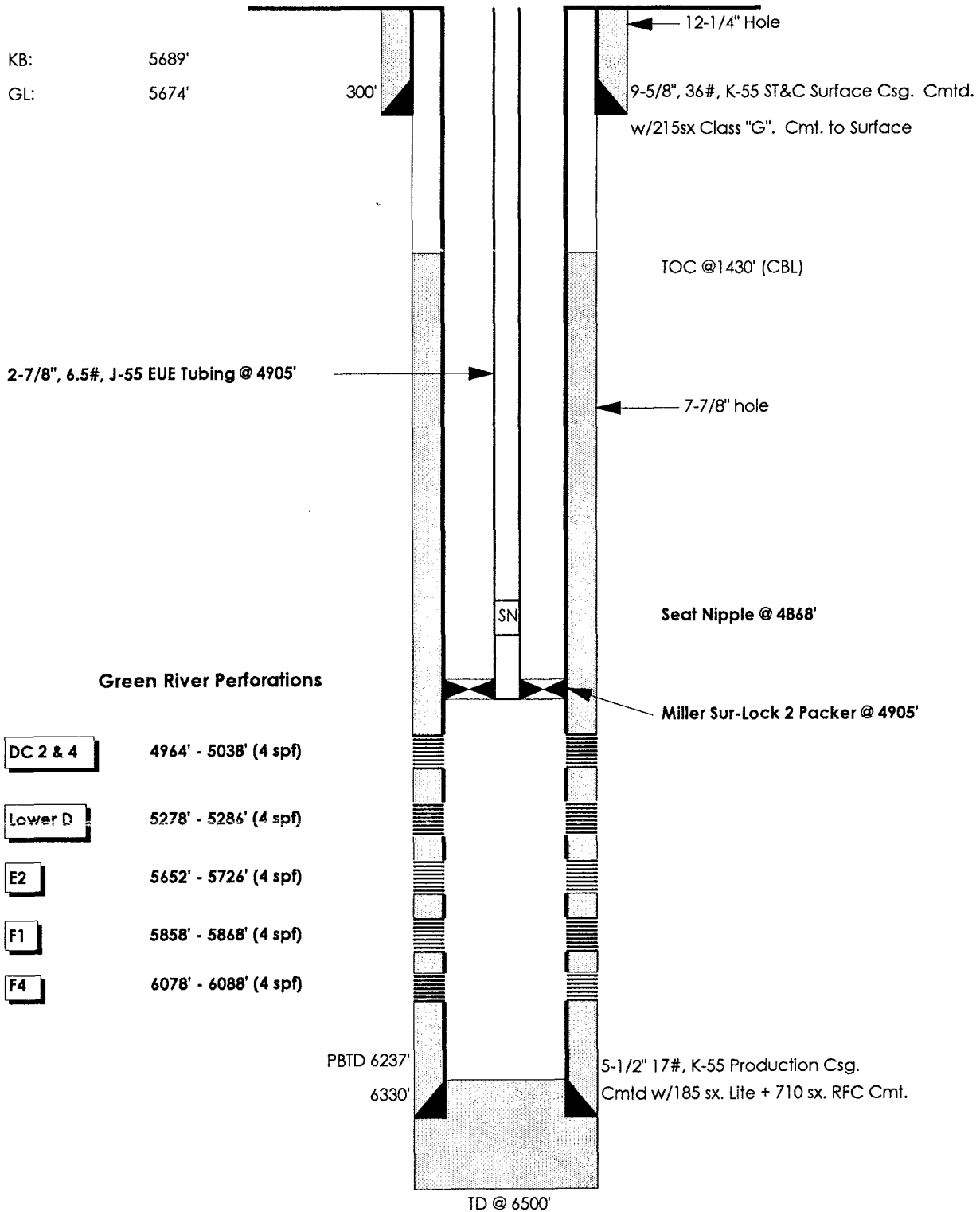
FEDERAL 14-34B WIW

WELLS DRAW UNIT
Duchesne County, Utah

Spud: 5/7/89
TD Date: 5/20/89
Compl. Date: 6/24/89
Conversion Dt: 10/31/94

Sec 34-T8S-R16E
660' FSL & 660' FWL
SW/4 SW/4

KB: 5689'
GL: 5674'



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **WIW**

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FWL & 660' FSL SW/4 SW/4 Section 34, T8S-R16E

5. Lease Designation and Serial No.

U-47171

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 14-34B

9. API Well No.

43-013-31225

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **First water injection**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DALEN Resources began injecting water on January 11, 1995, at a rate of approximately 145 BWPD. We plan to increase the rate to approximately 425 BWPD.

14. I hereby certify that the foregoing is true and correct

Signed

Cindy R. Keister

Title **Supervisor Regulatory Compliance**

Date **01/24/1995**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

DIVISION OF OIL, GAS AND MINING

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: PG&E Resources **Location:** Wells Draw Waterflood Project

Wells: Federal 41-5G, 14-33B, 34-33B, 14-34B, 32-5G, 43-33B, 21-4G

Ownership Issues: The proposed project is located in sections 33 and 34, township 8 south, range 16 east, and sections 4 and 5 of township 9 south range 16 east Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. PG&E Resources has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The seven wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 6000 feet - 6500 feet, and were all cemented above the injection zone. Cement bond logs are on file with the Division and verify reported cement tops. The interval from 4352-6282 feet (Green River Formation) has been perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 15 producing wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 200-300 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field is .82 psi/ft resulting in a maximum allowed surface pressure of 2145 psi. Injection pressures for each of the injectors will be maintained below the fracture pressure so as not to initiate fractures in the overlying strata. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: PG&E Resources is in the process of forming a federal waterflood unit. All interested parties have been notified. The Division

does have concerns as to some of the intervals that are perforated for injection. In reviewing cross sections submitted by PGE it appears that a number of perforated intervals in the injection wells are not perforated in the offset producing wells. An additional concern is that offset acreage which may be laterally continuous with the flooded zones has been excluded from the project. These concerns need to be addressed when PGE presents information to the board.

Bonding: PG&E Resources is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: A public notice needs to be published in both the Salt Lake Tribune and the Uinta Basin Standard. Board approval of the project needs to be obtained and BLM approval of the unit is needed. The applications for the injection wells are technically complete. A compatibility analysis needs to be submitted. A casing pressure test needs to be conducted when the well is converted and a casing/tubing pressure test run prior to injection. A step rate test should be run once the wells have injected and stabilized to verify fracture gradient information.

DJJ
Reviewers

11-30-93
Date

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: PGE Resources Wells: Fed. 41-5G, 14-33B, 34-33B
14-34B, 32-5G, 43-33B, 21-4G

Location: section 33, 34, 4, 5 township 8&9South range 16&17East

API #: _____ Well Type: disp. ___ enhanced recov: X

If enhanced recovery has project been approved by the Board ? No

Lease Type: Federal Surface Ownership: BLM

Field: Wells Draw Unit: Wells Draw Indian Country: No

UIC Form 1: Yes Plat: Yes Wells in AOR: 15 Producing

Logs Available: Yes Bond Log: Yes

Casing Program: Adequate (see decision document

Integrity Test: To be run at conversion

Injection Fluid: Fresh water from Balcron

Geologic Information: Green River-Douglas Creek injection interval

Analyses of Injection Fluid: No Formation Fluid: Yes Compat. No

Fracture Gradient Information: .82 psig/ft Parting Pressure
2145 psi

Affidavit of Notice to Owners: Yes

Fresh Water Aquifers in Area: no significant aquifers

Depth Base of Moderately Saline Water: 300 ft

Confining Interval: silts, shales and limes of Green River

Reviewer: D. Jarvis Date: 11-23, 30-93

Comments & Recommendation Application is technically complete, an

analysis of the fresh water and a compatibility test are needed and will be submitted. An MIT will be conducted at the time of conversion. A step rate test will be run when project is operational and the wells have stabilized. A maximum pressure of 2145 psi can be permitted untill a step rate test is run.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION
OF PG & E RESOURCES COMPANY FOR
ADMINISTRATIVE APPROVAL OF THE
FEDERAL 41-5G, FEDERAL 14-33B,
FEDERAL 34-33B, FEDERAL 14-34B,
FEDERAL 32-5G, FEDERAL 43-33B,
& FEDERAL 21-4G WELLS LOCATED IN
SECTIONS 33 & 34, TOWNSHIP 8 SOUTH,
RANGE 16 EAST, AND SECTIONS 4 & 5,
TOWNSHIP 9 SOUTH, RANGE 16 EAST,
S.L.M., DUCHESNE COUNTY, UTAH, AS
CLASS II INJECTION WELLS

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-141

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

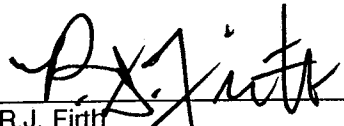
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of PG & E Resources Company for administrative approval of the Federal 41-5G, Federal 14-33B, Federal 34-33B, Federal 14-34B, Federal 32-5G, Federal 43-33B, and Federal 21-4G Wells, located in Sections 33 & 34, Township 8 South, Range 16 East, and Sections 4 & 5, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Approval has been requested to inject water for the purpose of water flooding in the interval from 4352 feet to 6282 feet (Green River Formation). The average injection pressure is estimated to be 2000 psig or less with a maximum requested injection pressure of 2145 psig. The estimated injection volume will be approximately 400 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of December, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


R.J. Firth
Associate Director, Oil and Gas

**PG & E Resources Company
Federal 41-5G, Federal 14-33B, Federal 34-33B,
Federal 14-34B, Federal 32-5G, Federal 43-33B, & Federal 21-4G Wells
Cause No. UIC-141**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

PG & E Resources Company
6688 N. Central Expressway, #1000
Dallas, Texas 75206-3922

Dan Jackson
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466



Lisa D. Clement
Administrative Secretary
December 2, 1993

**ENSERCH
EXPLORATION** INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

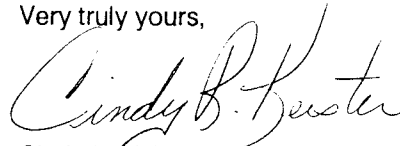
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

ENSERCH
EXPLORATION INC

4849 Greenville Avenue, Suite 1200
Dallas, Texas 75206-4186

January 18, 1996

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attention: Mr. Dan Jarvis

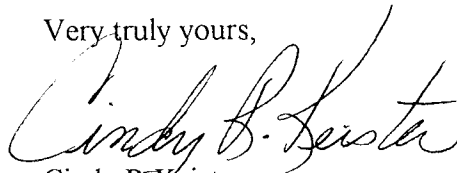
RE: Operator Changes - UIC Wells
Pleasant Valley Unit
Wells Draw Unit
West Willow Creek Unit
Duchesne & Uintah Counties, Utah

Gentlemen:

Attached is an original and one (1) copy of UIC Form 5 "Transfer of Authority to Inject" changing the operator from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. for the water and gas injection wells in the referenced units. Also attached is a copy of the Certificate of Merger from the Secretary of the State of Texas certifying the Articles of Merger.

If you have any questions or need further information, please contact the undersigned at 214/987-6353.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Central File
Regulatory File

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY	
*	Federal	11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne	
*	Federal	12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne	30699
✓ *	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne	W/W
*	Federal	31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne	
*	Federal	42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne	
*	Federal	21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne	30698
*	Federal	22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne	
*	Federal	23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne	
*	Federal	31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne	
✓ *	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne	W/W
✓ *	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne	W/W
*	Federal	43- 5G	U-034217-A	✓ 43-013-30858	NE SE	5	9S	16E	Duchesne	
*	Federal	13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne	
✓ *	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne	W/W
*	Federal	23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne	
*	Federal	24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne	
*	Federal	33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne	
✓ *	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne	W/W
✓ *	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne	W/W
*	Federal	44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne	
*	Federal	13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne	
✓ *	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne	W/W
*	Federal	23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne	
**	Federal	14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne	
**	Federal	34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne	
**	Federal	44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne	
**	Federal	12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne	
**	Federal	21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne	
**	Federal	22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne	
**	Federal	31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne	
**	Federal	32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne	
**	Federal	41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne	
**	Federal	42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne	ORL
	Federal	24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne	
**	Federal	11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne	
**	Federal	12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne	
**	Federal	13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne	
**	Federal	14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne	
	Federal	32-29	U-19267	✓ 43-047-31175	SWNE	29	9S	18E	WINTAH	POW

United States Department of the Interior
BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc. : Oil and Gas
4849 Greenville Ave., Suite 1200 : U-01470A et al
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)



The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

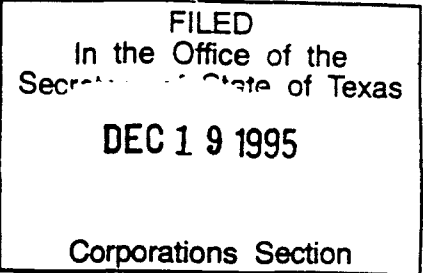
Effective December 31, 1995 04:55 PM



Antonio O. Garza, Jr.

Antonio O. Garza, Jr.
Secretary of State

**ARTICLES OF MERGER OF
DALEN Corporation
INTO
Enserch Exploration, Inc.**



Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.
2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ("DALEN"), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton
Name: J. W. Pinkerton
Title: Vice President and Controller,
Chief Accounting Officer



The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE** (No Permit) corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.

1087.

Antonio O. Garza, Jr.
Secretary of State

MAC

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:

1-	LEC / CHA
2-	DTG/51-FILE
3-	VLD-8-FILE
4-	RJF
5-	LEC
6-	SJ

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator)	<u>ENSERCH EXPLORATION INC</u>	FROM (former operator)	<u>DALEN RESOURCES OIL & GAS</u>
(address)	<u>4849 GREENVILLE AVE STE 1200</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>DALLAS TX 75206</u>		<u>DALLAS TX 75206-3922</u>
	<u>CINDY KEISTER</u>		<u>CINDY KEISTER</u>
	phone (214) <u>987-6353</u>		phone (214) <u>987-6353</u>
	account no. <u>N4940 (1-29-96)</u>		account no. <u>N3300</u>

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #171513. *(c# 1-4-95)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
6. Cardex file has been updated for each well listed above. *(2-12-96)*
7. Well file labels have been updated for each well listed above. *(2-12-96)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- ✓* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust Lands / Bond & Lease update in progress!*

- ✓* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- ~N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: March 14 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960212 BLM/SL Appr. & H. 12-31-95.

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Federal 14-34B
Field or Unit name: Wells Draw Unit API no. 43-013-31225
Well location: QQ SW section 34 township 8S range 16E county Duchesne
Effective Date of Transfer: 01/01/96

CURRENT OPERATOR

Transfer approved by:

Name Cindy R. Keister Company DALEN Resources Oil & Gas Co.
Signature Cindy R. Keister Address 6688 N. Central Expwy., Suite 000
Title Regulatory Compliance Specialist Dallas, TX 75206
Date 01/18/96 Phone (214) 987-6353

Comments: DALEN Resources was merged into Enserch Exploration, Inc.

NEW OPERATOR

Transfer approved by:

Name Cindy R. Keister Company Enserch Exploration, Inc.
Signature Cindy R. Keister Address 4849 Greenville Ave., Suite 1200
Title Regulatory Compliance Specialist Dallas, TX 75206
Date 01/18/96 Phone (214) 987-6353

Comments:

(State use only)

Transfer approved by [Signature] Title Environ. Manager
Approval Date 2-13-96

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FWL & 660' FSL SW/4 SW/4 Section 34, T8S-R16E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-47171

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 14-34B

9. API Well No.

43-013-31225

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

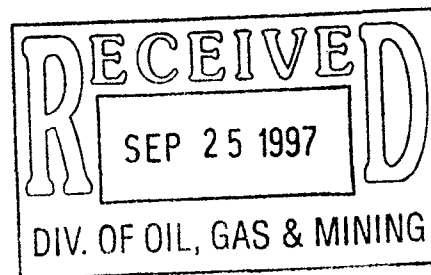
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed Ch. A. P. [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. —

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator
ENSERCH EXPLORATION INC.

3. Address and Telephone No.
4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FWL & 660' FSL SW/4 SW/4 Section 34, T8S-R16E

5. Lease Designation and Serial No.

U-47171

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 14-34B

9. API Well No.

43-013-31225

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

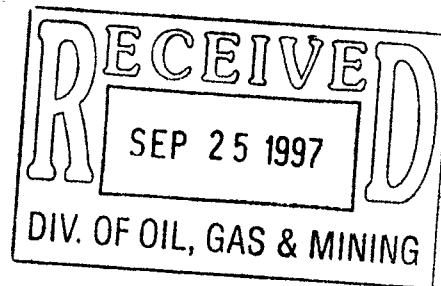
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enserch Exploration Inc. has sold its interest in the WDU #14-34B Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1991

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well☐ Gas Well☒ Other

Injection

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0660 FSL 0660 FWL

NW/SW Section 34, T08S R16E

5. Lease Designation and Serial No.

U-47171

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FEDERAL 14-34-B

9. API Well No.

43-013-31225

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Csg Integrity Test

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

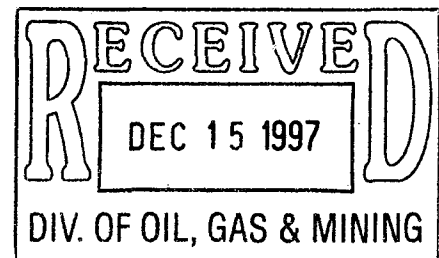
☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRUSU Pennant #18. Packer or tbg leak. TOH w/pkr. TIH w/pkr. RDMOL. The Federal #14-34-B location was placed back on injection on 9/19/97. Please refer to the attached csg integrity tests, an copies of the charts.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

12/10/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

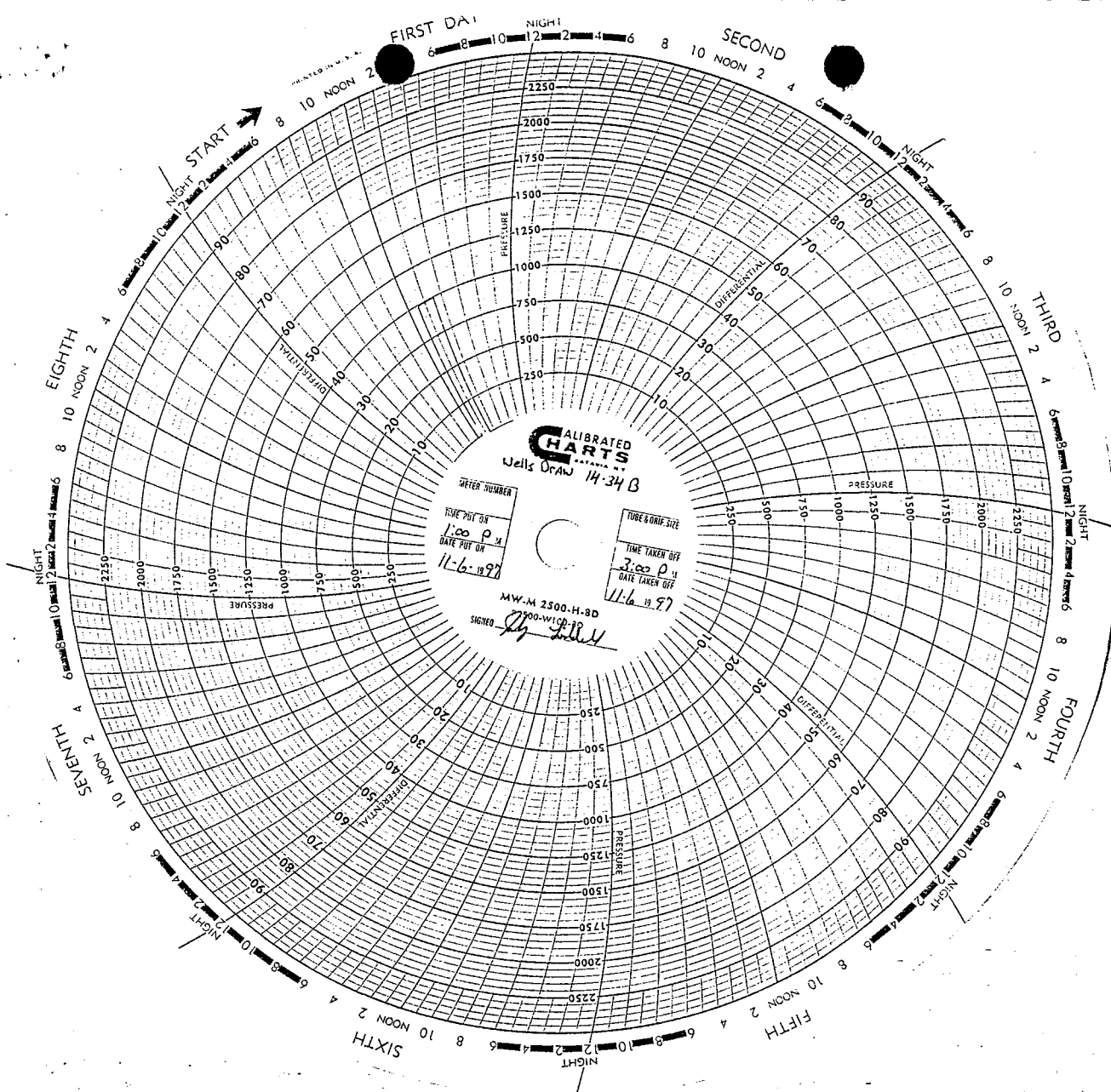
CASING INTEGRITY TEST

**FEDERAL #14-34B
SW/SW SEC. 34, T8S, R16E
DUCHESNE COUNTY, UTAH**

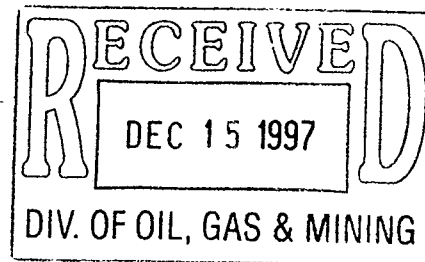
0 MIN	1000 PSIG
10 MIN	1000 PSIG
20 MIN	1000 PSIG
30 MIN	1000 PSIG
40 MIN	1000 PSIG
50 MIN	1000 PSIG
60 MIN	1000 PSIG
70 MIN	1000 PSIG
80 MIN	1000 PSIG
90 MIN	1000 PSIG
100 MIN	1000 PSIG
120 MIN	1000 PSIG

TUBING PRESSURE 0 PSI

**TEST CONDUCTED BY JODY LIDDELL/INLAND PRODUCTION COMPANY ON 11/6/97
CONTACTED DOGM AND BLM PRIOR TO TEST
NO REPRESENTATIVE PRESENT PER THEIR REQUEST**



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attached WELLS DRAW (GRRV) UNIT
Field or Unit name: See Attached API no. See Attached
Well location: QQ section township range county
Effective Date of Transfer: See Attached

CURRENT OPERATOR

Transfer approved by:

Name DAVID R. HENDERSON Company Enserch Exploration, Inc.
Signature *David R. Henderson* Address 4849 Greenville Ave., 1200
Title Executive Vice President and Dallas, Texas 75206-4186
Chief Operating Officer
Date 11/15/97 off. 3/31/97 Phone (214) 369-7893
Comments:

NEW OPERATOR

Transfer approved by:

Name CHRIS A. POTTER Company Inland Production Company
Signature *Chris A. Potter* Address 475 17th Street, Suite 1500
Title Attorney-in-Fact Denver, Colorado 80202
Date 11/24/97 Phone (303) 292-0900
Comments:

(State use only)

Transfer approved by *C. Hunt* Title *Environ. Manager*
Approval Date 1/6/98 CAUSE No. 231-1

* Copies mailed to operators on 1-6-98. *J*
lic

Injection Wells Formerly Operated by EEX

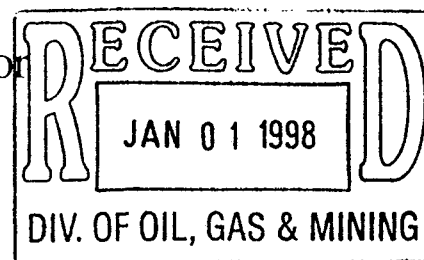
<u>LEASE</u>	<u>TWP</u>	<u>RGE</u>	<u>SEC</u>	<u>QTR</u>	<u>QTR</u>	<u>COUNTY</u>	<u>STATE</u>	<u>FIELD</u>	<u>API</u>	<u>LEASENUM</u>
ALLEN FED #44-5	09S	17E	5	SE/SE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330913	U-020252
FED #11-9H	09S	17E	9	NW/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330887	U-50750
FED #22-8H	09S	17E	8	SE/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331457	U-10760
FED #33-9H	09S	17E	9	NW/SE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331108	U-61052
FED NGC #22-9H	09S	17E	9	SE/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331049	U-50750
PLSNT VLY #31-8H	09S	17E	8	NW/NE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330679	U-10760
PLSNT VLY #42-8H	09S	17E	8	SE/NE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330678	U-10760
PLSNT VLY FD #13-9H	09S	17E	9	NW/SW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330656	U-37810
PLSNT VLY FD #24-9H	09S	17E	9	SE/SW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330682	U-50750
NGC FED 32-5G	09S	16E	5	SW/NE		DUCHESNE	UT	WELLS DRAW UT	4301330670	U-30096
WD FED 14-33-B	08S	16E	33	SW/SW		DUCHESNE	UT	WELLS DRAW UT	4301331229	U-49092
WD FED 14-34-B	08S	16E	34	NW/SW		DUCHESNE	UT	WELLS DRAW UT	4301331225	U-47171
WD FED 21-4-G	09S	16E	4	NE/NW		DUCHESNE	UT	WELLS DRAW UT	4301331272	U-30096
WD FED 34-33-B	08S	16E	33	SW/SE		DUCHESNE	UT	WELLS DRAW UT	4301331269	U-49092
WD FED 41-5-G	09S	16E	5	NE/NE		DUCHESNE	UT	WELLS DRAW UT	4301331205	U-30096
WD FED 43-33-B	08S	16E	33	NE/SE		DUCHESNE	UT	WELLS DRAW UT	4301331240	U-49092



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



December 31, 1997

Inland Production Company
c/o UnitSource Incorporated
11184 Huron Street, Suite 16
Denver, Colorado 80234

Re: Wells Draw (Green River) Unit
Duchesne County, Utah

Gentlemen:

On December 30, 1997, we received an indenture dated September 1, 1997, whereby Enserch Exploration, Inc. resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Wells Draw (Green River) Unit, Duchesne County, Utah.

The indenture was approved by all required parties and the parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective December 31, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wells Draw (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Wells Draw (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ George Diwachak

for Robert A. Henricks
Chief, Branch of Fluid Minerals

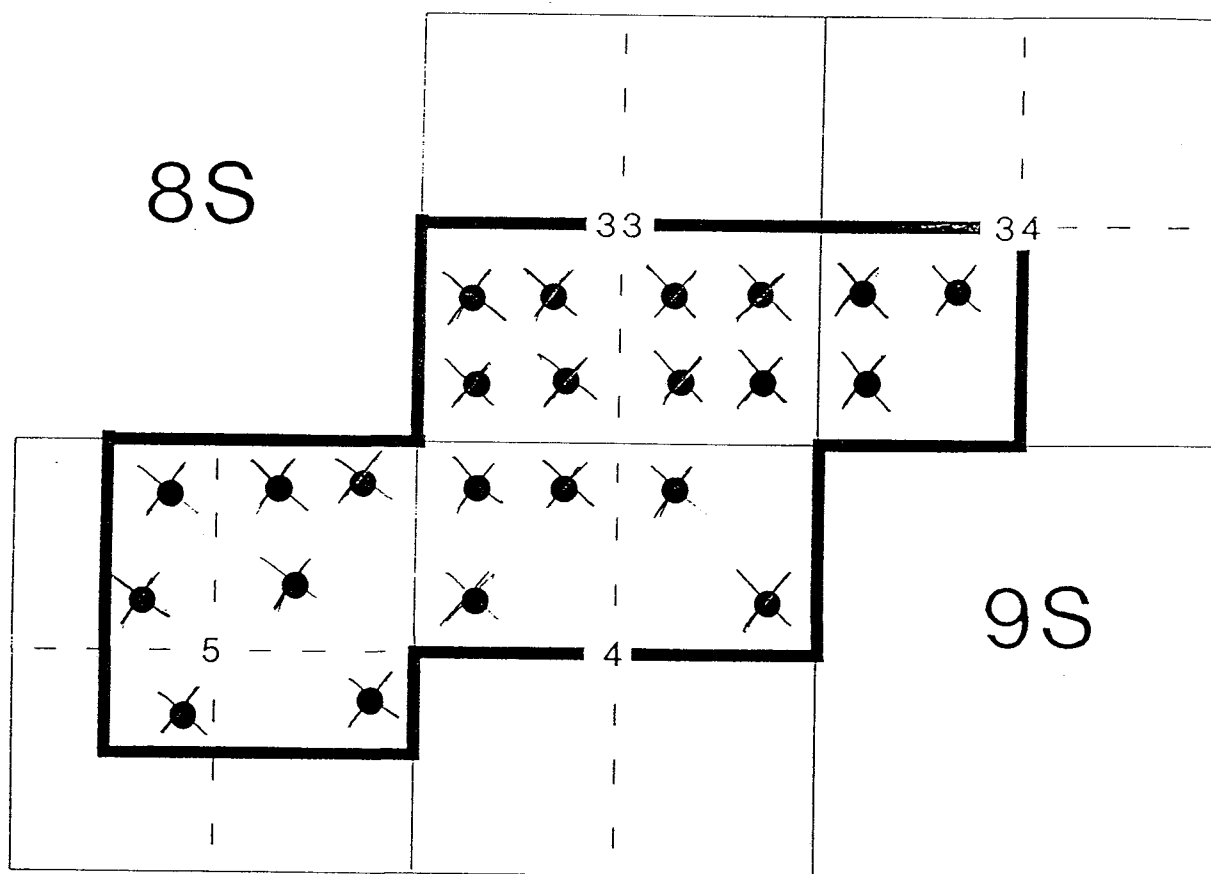
Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Wells Draw (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:12/31/97

WELLS DRAW (GREEN RIVER) UNIT

Uintah County, Utah



— UNIT OUTLINE (UTU72613A)

SECONDARY
ALLOCATION
FEDERAL 100%

OPERATOR INLAND PRODUCTION CO

OPERATOR ACCT. NO. H 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG				
D		12276								DUCHESNE		8-16-97
WELL 1 COMMENTS: *SEE ATTACHED LIST;OP CHG FR N4940 EFF 8-16-97 (WELLS DRAW (GRRV) UNIT) OPERATOR REQ CHG FOR TAX & ROYALTY; & DISPOSITION REPORTING.												
WELL 2 COMMENTS:												
WELL 3 COMMENTS:												
WELL 4 COMMENTS:												
WELL 5 COMMENTS:												

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

1-2-98

Title

Date

Phone No. ()

INLAND PRODUCTION COMPANY
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
02043	12276	43-013-30858	43-5	05-09S-16E	8-16-97
06100	"	43-013-30699	12-4G	04-09S-16E	"
06105	"	43-013-30698	21-5G	05-09S-16E	"
06105	"	43-013-31207	23-5-G	05-09S-16E	"
06115	"	43-013-30638	42-4	04-09S-16E	"
10913	"	43-013-31214	24-33-B	33-08S-16E	"
10979	"	43-013-31228	31-4-G	04-09S-16E	"
11041	"	43-013-31241	23-34-B	34-08S-16E	"
11046	"	43-013-31250	11-4-G	04-09S-16E	"
11047	"	43-013-31251	23-33-B	33-08S-16E	"
11054	"	43-013-31252	31-5-G	05-09S-16E	"
11084	"	43-013-31270	44-33-B	33-08S-16E	"
11086	"	43-013-31268	33-33-B	33-08S-16E	"
11092	"	43-013-31277	13-33-B	33-08S-16E	"
11103	"	43-013-31273	22-5-G	05-09S-16E	"
11104	"	43-013-31271	13-34-B	34-08S-16E	"
10988	"	43-013-31229	14-33-B	33-08S-16E	"
11007	"	43-013-31240	43-33-B	33-08S-16E	"
11079	"	43-013-31269	34-33-B	33-08S-16E	"
10980	"	43-013-31225	14-34-B	34-08S-16E	"
11107	"	43-013-31272	21-4-G	04-09S-16E	"
10859	"	43-013-31205	41-5-G	05-09S-16E	"
06110	"	43-013-30670	32-5G	05-09S-16E	"

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-CLH	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator)	<u>INLAND PRODUCTION CO</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>4849 GREENVILLE AVE #1200</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-4145</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(214) 987-7859</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

WELL(S) attach additional page if needed:

***WELLS DRAW (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-31225</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- Yec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Yec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-2-98) X UIC DBase & QuaHro Pro.*
- Yec 6. **Cardex** file has been updated for each well listed above. *(1-2-98)*
- Yec 7. Well **file labels** have been updated for each well listed above. *(1-2-98)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-2-98)*
- Yec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- Yes 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A **copy of this form** has been placed in the new and former operator's bond files.
- ____ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 1.20.98.

FILING

- ____ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- ____ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980102 BLM/SL Aprv. Wells Draw (GREV) Unit & Aff. 12-31-97.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-47171	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME WELLS DRAW	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/SW Section 34, T8S R16E 0660 FSL 0660 FWL		8. FARM OR LEASE NAME FEDERAL 14-34-B	
		9. WELL NO. FEDERAL 14-34-B	
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/SW Section 34, T8S R16E	
14. API NUMBER 43-013-31225	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5689 KB	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A 5 year MIT was conducted on the subject well. On 9/24/02 Mr. Dennis Ingram w/ State DOGM was contacted and set up a time to conduct the MIT on the casing. On 9/24/02 the casing was pressured to 1080 psi w/ no pressure loss charted in the 1/2 hour test. No Governmental agencies were able to witness the test.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 10-01-02
By: [Signature]

18 I hereby certify that the foregoing is true and correct

SIGNED

[Signature]
Krisha Russell

TITLE

Production Clerk

DATE

9/26/2002

cc: BLM

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 9/24/02 Time 3:00 am (pm)

Test Conducted by: BRET HENRIE

Others Present: _____

Well: WELLS DRAW 14-34B-8-16

Field: WELLS DRAW

Well Location: SW/SW Sec 34, T8S, R16E

API No: _____

Time Casing Pressure

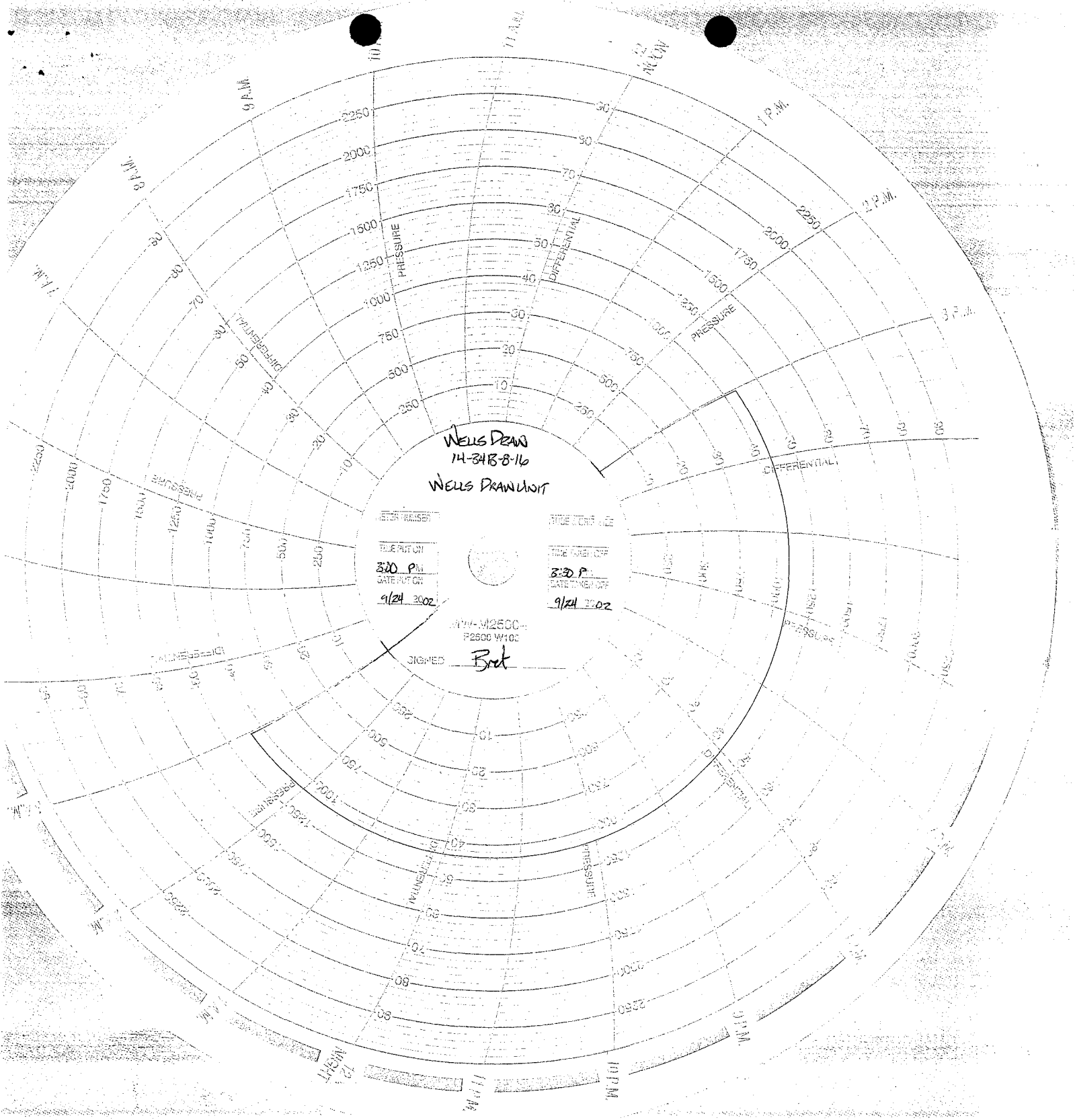
0 min	<u>1080</u>	psig
5	<u>1080</u>	psig
10	<u>1080</u>	psig
15	<u>1080</u>	psig
20	<u>1085</u>	psig
25	<u>1085</u>	psig
30 min	<u>1085</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1290 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Bret Henrie



Wells Draw
14-34B-8-16
Wells Draw Unit

WELL TRANSFER

TIME PUT ON

3:20 P

DATE PUT ON

9/24/2002

WELL TRANSFER

TIME TAKEN OFF

3:20 P

DATE TAKEN OFF

9/24/2002

M2500
P2500 W100

SIGNED

Bret



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*Title: *Perk. Services Manager*Approval Date: 9-20-04Comments: Note: Indian Country wells will require EPA approval.

RECEIVED

SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****Wells Draw (Green River)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WELLS DRAW FED 44-31	31	080S	160E	4301331116	12276	Federal	OW	P
STATE 32-32	32	080S	160E	4301330993	12276	State	WI	A
STATE 14-32	32	080S	160E	4301331039	12276	State	WI	I
STATE 24-32	32	080S	160E	4301331040	12276	State	OW	P
STATE 23-32	32	080S	160E	4301331041	12276	State	WI	A
STATE 13-32	32	080S	160E	4301331112	12276	State	OW	P
GAVILAN ST 22-32	32	080S	160E	4301331168	12276	State	OW	P
STATE 33-32	32	080S	160E	4301331185	12276	State	OW	P
FEDERAL 24-33-B	33	080S	160E	4301331214	12276	Federal	OW	P
FEDERAL 14-33-B	33	080S	160E	4301331229	12276	Federal	WI	A
FEDERAL 43-33-B	33	080S	160E	4301331240	12276	Federal	WI	A
FEDERAL 14-34-B	34	080S	160E	4301331225	12276	Federal	WI	A
FEDERAL 23-34-B	34	080S	160E	4301331241	12276	Federal	WI	A
FEDERAL 42-4	04	090S	160E	4301330638	12276	Federal	OW	P
NGC 12-4G	04	090S	160E	4301330699	12276	Federal	WI	A
FEDERAL 31-4-G	04	090S	160E	4301331228	12276	Federal	OW	P
NGC FED 32-5G	05	090S	160E	4301330670	12276	Federal	WI	A
NGC FED 21-5G	05	090S	160E	4301330698	12276	Federal	WI	A
CASTLE PEAK 43-5	05	090S	160E	4301330858	12276	Federal	WI	A
WELLS DRAW FED 11-5	05	090S	160E	4301331144	12276	Federal	OW	P
FEDERAL 41-5-G	05	090S	160E	4301331205	12276	Federal	WI	A
FEDERAL 23-5-G	05	090S	160E	4301331207	12276	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

- 6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
- The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>WP #14-34 B</u>	API Number: <u>43-013-31225</u>
Qtr/Qtr: <u>SW/SW</u> Section: <u>34</u>	Township: <u>8S</u> Range: <u>16E</u>
Company Name: <u>NEWFIELD</u>	
Lease: State <u>UT</u> Fee <u> </u> Federal <u>UTU-72613A</u> Indian <u> </u>	
Inspector: <u>James J. [Signature]</u>	Date: <u>8-31-7</u>

Initial Conditions:

Tubing - Rate: 111 BPD Pressure: 1760 psiCasing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>800</u>	<u> </u>
5	<u>Leak</u>	<u> </u>
10	<u> </u>	<u> </u>
15	<u> </u>	<u> </u>
20	<u> </u>	<u> </u>
25	<u> </u>	<u> </u>
30	<u> </u>	<u> </u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: psiCasing/Tubing Annulus Pressure: psi

COMMENTS:

Tested 8/15 year late @ 12:00 PM
Packer leak around tubing - Did not
test - Will Retest after Repair

Operator Representative

RECEIVED

SEP 13 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-47171

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
WELLS DRAW UNIT

1. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

OTHER

WI

8. WELL NAME and NUMBER:
FEDERAL 14-34B

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301331225

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 660 FSL 660 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 34, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Five Year MIT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/26/2007			

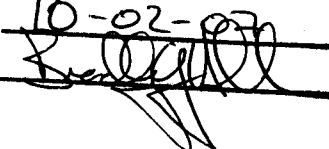
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 09/20/07 Dennis Ingram with the State of Utah (DOGM was contacted concerning the 5 Year MIT on the above listed well. Permission was given at that time to perform the test on 09/20/07. On 09/20/07 the casing was pressured up to 1450 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1800 psig during the test. There was a State representative available to witness the test.

(Dennis Ingram)

API# 43-013-31225

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 10-02-07
By: 

10-5-07
Rm

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 09/26/2007

(This space for State use only)

RECEIVED
OCT 01 2007
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 9/20/07 Time 10:00 am pm
Test Conducted by: Gordon W. Warrick
Others Present: _____

Well: 14-348-8-16

Field: Monument Butte

Well Location: well Draw

API No: 43-013-31225

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1450</u>	psig
5	<u>1450</u>	psig
10	<u>1450</u>	psig
15	<u>1450</u>	psig
20	<u>1450</u>	psig
25	<u>1450</u>	psig
30 min	<u>1450</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1800 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Gordon W. Warrick

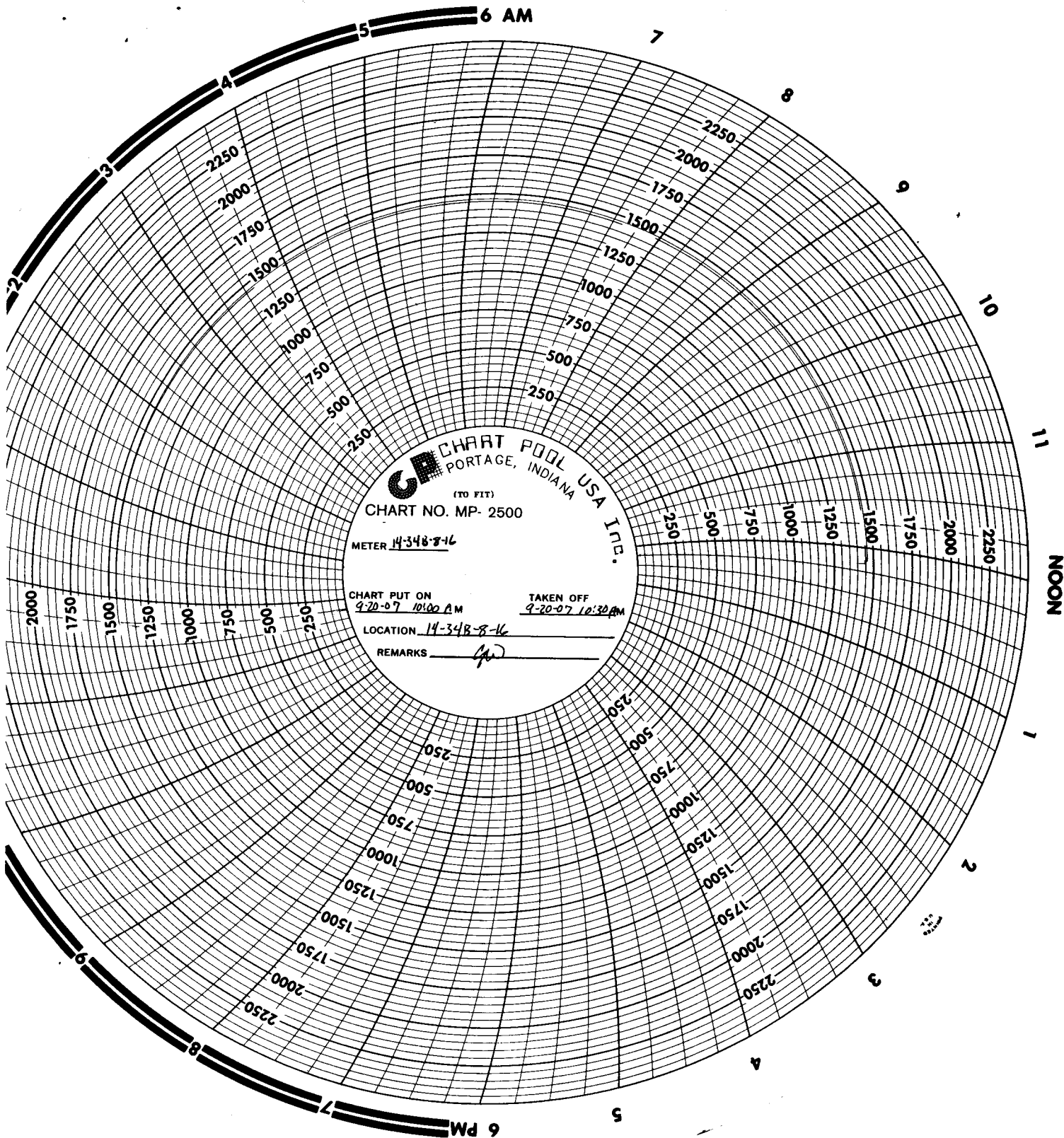
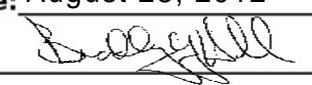


CHART POOL USA INC.
(TO FIT)
PORTAGE, INDIANA
CHART NO. MP- 2500
METER 14-348-8-16

CHART PUT ON 9-20-07 10:00 AM TAKEN OFF 9-20-07 10:30 AM
LOCATION 14-348-8-16
REMARKS 40

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-47171
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 14-34-B
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 08.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013312250000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/21/2012	OTHER: 5 YR MIT	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1355 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1010 psig during the test. There was not a State representative available to witness the test.</p> </div> <div style="width: 25%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: August 28, 2012</p> <p>By: </p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/22/2012

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 8/21/2012 Time 9:00 am pmTest Conducted by: Troy Lazenby

Others Present: _____

Well: ~~Wells Draw~~ FED 14-34B-8-16Field: ~~Monument~~ Wells Draw unitWell Location: SW/5W Sec. 34, T8S, R16E
Duchesne County, UtahAPI No: 43-013-31225

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1355</u>	psig
5	<u>1355</u>	psig
10	<u>1355</u>	psig
15	<u>1355</u>	psig
20	<u>1355</u>	psig
25	<u>1355</u>	psig
30 min	<u>1355</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 10/0 psig

Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Troy Lazenby

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-47171			
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3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 14-34-B			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 08.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013312250000			
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/23/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Squeeze Job"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Squeeze Job"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Squeeze Job"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>Newfield proposes to perform a Polymer Squeeze. Squeeze D1/D2 Sands from 4964' - 5038' to isolate for injection.</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: August 09, 2013</p> <p>By: <u><i>Derek Quist</i></u></p> </div> </div>					
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech			
SIGNATURE N/A	DATE 7/23/2013				

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-47171
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 14-34-B
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013312250000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 08.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/16/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
		<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="W/O MIT"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (water isolation with polymer squeeze), attached is a daily status report. On 08/05/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/16/2013 the csg was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 350 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 23, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/22/2013

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

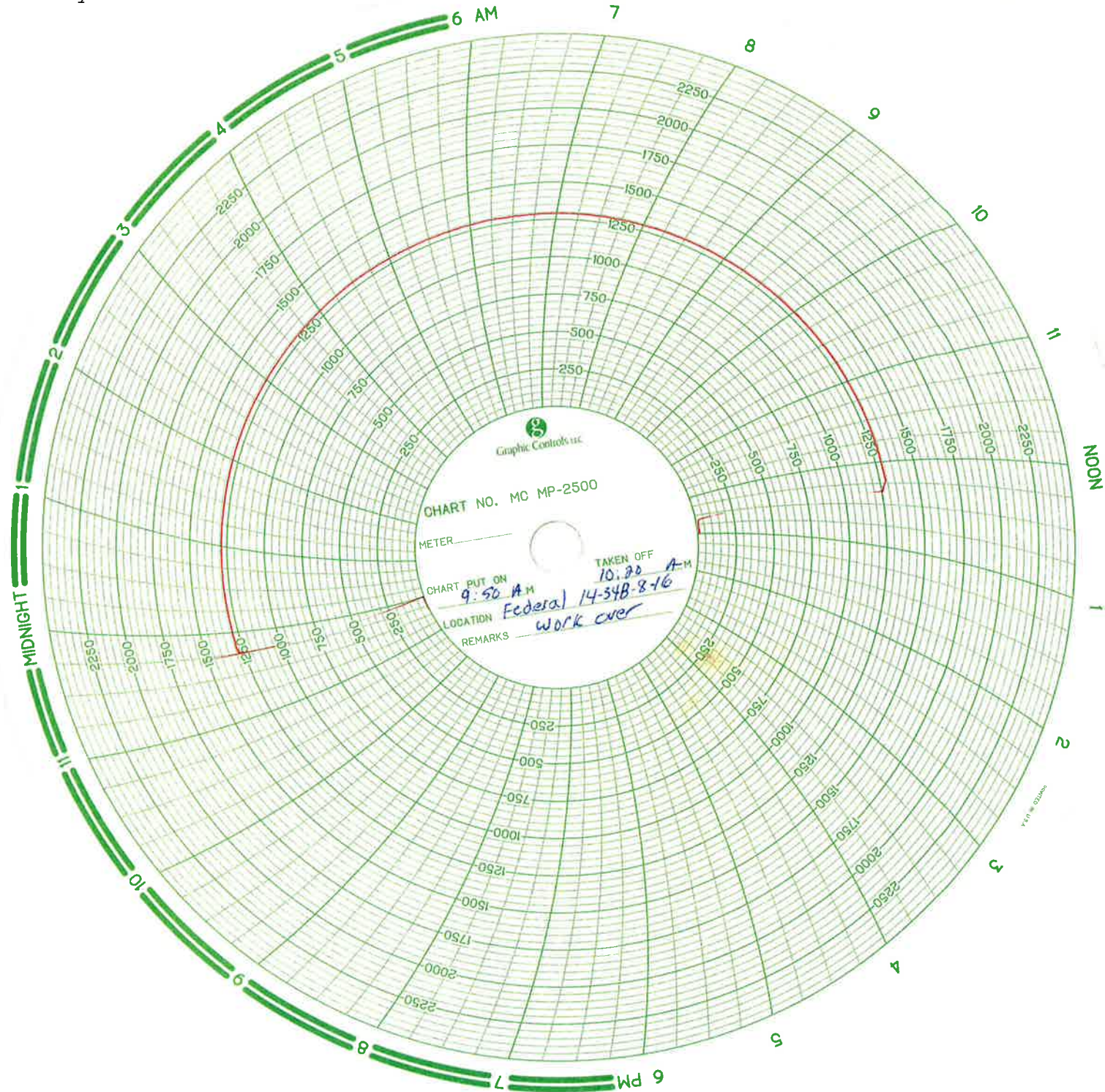
Witness: Chris Jensen Date 8/16/13 Time 9:50 am pmTest Conducted by: Brett Jensen

Others Present: _____

Well: Federal 14-34B-8-16Field: BMBUWell Location: SW/SW Sec. 34, T8S, R16EAPI No: 4301331225Work over

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1290</u>	psig
5	<u>1290</u>	psig
10	<u>1290</u>	psig
15	<u>1290</u>	psig
20	<u>1290</u>	psig
25	<u>1290</u>	psig
30 min	<u>1290</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 350 psigResult: Pass FailSignature of Witness: Chris JensenSignature of Person Conducting Test: Brett Jensen



Daily Activity Report**Format For Sundry****FEDERAL 14-34B-8-16****6/1/2013 To 10/30/2013****8/5/2013 Day: 1****Water Isolation**

Basic # 1629 on 8/5/2013 - 11:00-1:00 drop standing valve pump to bottom with 34bbls produced water rig up lubricator r.i.h. retrieve standing valve p.o.o.h. rig down lubricator - 5:30-6:30 crew travel and safety meeting 6:30-8:00 rig down load trucks and trailers move to next location 8:00-9:00 spot rig at well rig up unload trucks and trailers 9:00-10:00 wait on b.o.p. 10:00-11:00 nipple down well head nipple up b.o.p. rig up work floor release packer 11:00-1:00 drop standing valve pump to bottom with 34bbls produced water rig up lubricator r.i.h. retrieve standing valve p.o.o.h. rig down lubricator 1:00-2:30 p.o.o.h. with 161 joints of tubing lay down old packer 2:30-4:30 r.i.h. set plug at 5150 set packer @ 5120 test to 1000 p.s.i. 100% for 15 minutes had to set packer 3 different times to get a good test p.o.o.h. to 4890 4:30-5:30 rig down floor nipple down b.o.p. set packer 15k in compression nipple up well head secure well s.d.f.n. 5:30-6:30 crew travel - 5:30-6:30 crew travel and safety meeting 6:30-8:00 rig down load trucks and trailers move to next location 8:00-9:00 spot rig at well rig up unload trucks and trailers 9:00-10:00 wait on b.o.p. 10:00-11:00 nipple down well head nipple up b.o.p. rig up work floor release packer 11:00-1:00 drop standing valve pump to bottom with 34bbls produced water rig up lubricator r.i.h. retrieve standing valve p.o.o.h. rig down lubricator 1:00-2:30 p.o.o.h. with 161 joints of tubing lay down old packer 2:30-4:30 r.i.h. set plug at 5150 set packer @ 5120 test to 1000 p.s.i. 100% for 15 minutes had to set packer 3 different times to get a good test p.o.o.h. to 4890 4:30-5:30 rig down floor nipple down b.o.p. set packer 15k in compression nipple up well head secure well s.d.f.n. 5:30-6:30 crew travel **Finalized**

Daily Cost: \$0**Cumulative Cost: \$45,266****8/15/2013 Day: 2****Water Isolation**

Wild Cat #2 on 8/15/2013 - LD 8 JTS TOO 161 JTS TBG LD PKR AND RBP ASSEMBLY - 5:30AM TO 7:00AM CREW TAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:30AM RU RIG 8:30AM TO 10:30AM FLOWED WELL BACK TO 1 BBL A MIN ND WH RELEASED PKR NU BOPS RD RIG FLOOR 10:30AM TO 11:30AM PU 8 JTS LATCHED ONTO RBP 11:30AM TO 2:00PM RELEASED RBP FLOWED WELL BACK TO 1 BBL PER MIN 2:00PM TO 4:00PM LD 8 JTS TOO 161 JTS TBG LD PKR AND RBP ASSEMBLY 4:00PM TO 7:00PM TIH, 1-2 3/8" XN NIPPLE W/ RE-ENTRY GUIDE, 1-2 3/8"X4' PUP SUB, 1-XO SWEDGE, 1-5 1/2" PKR DRESSED FOR 15.5# CSG, 1-R/HEAD ASSEMBLY, 1-2 7/8" SEAT NIPPLE, 161 JTS OF TBG DROPPED STANDING VALVE AND CHASED TO BOTTOM W/ 40 BBLs 7:00PM TO 8:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:30AM RU RIG 8:30AM TO 10:30AM FLOWED WELL BACK TO 1 BBL A MIN ND WH RELEASED PKR NU BOPS RD RIG FLOOR 10:30AM TO 11:30AM PU 8 JTS LATCHED ONTO RBP 11:30AM TO 2:00PM RELEASED RBP FLOWED WELL BACK TO 1 BBL PER MIN 2:00PM TO 4:00PM LD 8 JTS TOO 161 JTS TBG LD PKR AND RBP ASSEMBLY 4:00PM TO 7:00PM TIH, 1-2 3/8" XN NIPPLE W/ RE-ENTRY GUIDE, 1-2 3/8"X4' PUP SUB, 1-XO SWEDGE, 1-5 1/2" PKR DRESSED FOR 15.5# CSG, 1-R/HEAD ASSEMBLY, 1-2 7/8" SEAT NIPPLE, 161 JTS OF TBG DROPPED STANDING VALVE AND CHASED TO BOTTOM W/ 40 BBLs 7:00PM TO 8:30PM CREW TRAVEL

Finalized**Daily Cost: \$0****Cumulative Cost: \$56,563**

8/16/2013 Day: 3**Water Isolation**

Wild Cat #2 on 8/16/2013 - PT CSG TO 1400 PSI HELD 100% FOR 30 MIN RD RIG MOSL - 5:30AM TO 7:00AM CREW TAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:30AM TRIED TO PT TBG TO 3K PSI TEST NO GOOD PUMPED 30 BBLS TO CHASE STANDING VALVE TO BOTTOM PT TBG NO GOOD RIH W/ SL TO TAG STANDING VALVE TAGGED @975' 10:30AM TO 12:00PM TOOH 33 JTS FOUND CRIMPED JT CHANGED OUT CRIMPED JT DROPPED STANDING VAVLE CHASED TO BOTTOM W/ 15 BBLS PRESSURED UP TO 3K PSI TEST GOOD TIH 33 JTS TBG 12:00PM TO 2:30PM PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 2:30PM TO 4:00PM RU RIG FLOOR ND BOPS NU INJECTION WH 4:00PM TO 5:00PM CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:30PM SET PKR W/ 15K# TENSION TOPPED OF CSG W/ PKR FLUID LANDED WELL 6:30PM TO 8:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN RD RIG MOSL 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:30AM TRIED TO PT TBG TO 3K PSI TEST NO GOOD PUMPED 30 BBLS TO CHASE STANDING VALVE TO BOTTOM PT TBG NO GOOD RIH W/ SL TO TAG STANDING VALVE TAGGED @975' 10:30AM TO 12:00PM TOOH 33 JTS FOUND CRIMPED JT CHANGED OUT CRIMPED JT DROPPED STANDING VAVLE CHASED TO BOTTOM W/ 15 BBLS PRESSURED UP TO 3K PSI TEST GOOD TIH 33 JTS TBG 12:00PM TO 2:30PM PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 2:30PM TO 4:00PM RU RIG FLOOR ND BOPS NU INJECTION WH 4:00PM TO 5:00PM CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:30PM SET PKR W/ 15K# TENSION TOPPED OF CSG W/ PKR FLUID LANDED WELL 6:30PM TO 8:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN RD RIG MOSL 8:00PM TO 9:30PM CREW TRAVEL

Daily Cost: \$0**Cumulative Cost:** \$65,299

8/19/2013 Day: 4**Water Isolation**

Rigless on 8/19/2013 - Conduct MIT - On 08/15/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/16/2013 the csg was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 350 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/15/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/16/2013 the csg was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 350 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$66,199

Pertinent Files: [Go to File List](#)

Spud Date: 05/07/1989
 Put on Production: 05/20/1989
 GL: 5674' KB: 5689'

Federal 14-34B-8-16

Initial Production: 1.82 BOPD,
 320 MCFPD, 21 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 8 jts. (310')
 DEPTH LANDED: 300' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 215 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 17#
 LENGTH: 156 jts. (6315')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 165 sxs Class "G" cmt & 185 sxs light + 710 sxs 10-0 RFC
 DEPTH LANDED: 6330'
 CEMENT TOP AT 1430' PER CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 160 jts (4855.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4870.9' KB
 ARROW #1 PACKER CE AT: 4875'
 TOTAL STRING LENGTH: EOT @ 4879.4'

FRAC JOB

6076'-6088'	500 gal acid, could not frac
5858'-5868'	49,000# 20/40 sand, 50,800# 16/30 sand, 1024 bbl gel water
5652'-5726'	72,000# 20/40, 60,000# 16/30 sand 1496 bbl gel water
5278'-5286'	500 gal 1/2% HCl - frac w/33,000# 20/40 sand, 39,500# 16/30 sand 781 bbl gel water
4964'-5038'	74,000# 20/40 sand, 73,000# 16/30 sand 1603 bbls gel water
10/31/1994	Conversion
01/11/1995	Commence Injection
08/16/13	4964-5038' Workover MIT Completed - Water Isolation with Polymer Treatment - update tbq detail

TOC @ 1430'

SN @ 4871'
 Packer @ 4875'
 EOT @ 4879'

4964'-5038'

5278'-5286'

5652'-5726'

5858'-5868'

6076'-6088'

PBTD @ 6237'
 TD @ 6500'

PERFORATION RECORD

6076'-6088'	4 JSPF	48 holes
5858'-5868'	4 JSPF	40 holes
5652'-5726'	4 JSPF	296 holes
5278'-5286'	4 JSPF	32 holes
4964'-5038'	4 JSPF	296 holes

NEWFIELD

Federal 14-34B-8-16

660 FSL 660 FWL

SWSW Section 34-T8S-R16E

Duchesne Co, Utah

API #43-013-31225; Lease #U-47171

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-47171
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 14-34-B
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 08.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013312250000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: W/O MIT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/16/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (water isolation with polymer squeeze), attached is a daily status report. On 08/05/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/16/2013 the csg was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 350 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 23, 2013

Accepted by the
Utah Division of
Oil, Gas and Mining
 Date: 8/28/2013
 By: [Signature]

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/22/2013	